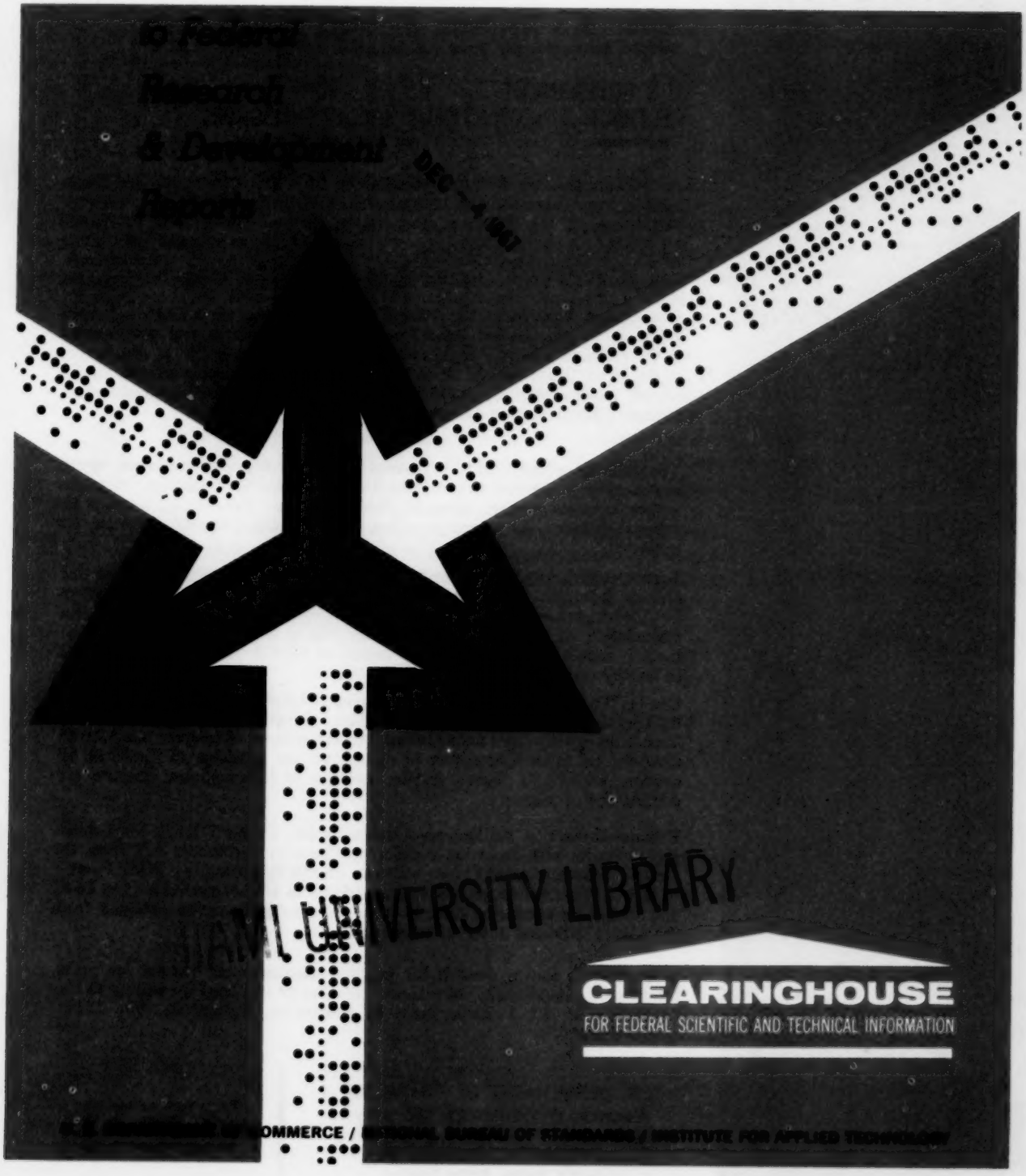
C 51.9: 67/22

GOVERNMENT-WIDE INDEX

November 25, 1967



Government-Wide

INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

UNCLASSIFIED REPORTS ABSTRACTED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

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PURPOSE

Government-Wide Index is published to satisfy a need for a single reference guide to new unclassified Government-sponsored research and development in the physical sciences, engineering, and related technology. It also serves as the index to *USGRDR*. It is compiled from machineable records of the Atomic Energy Commission, National Aeronautics and Space Administration, Defense Documentation Center, and the Clearinghouse.

FORMAT

The indexing records related to Government research and development reports are merged under the five indexes of subject, personal author, corporate author, contract number, accession/report number. Detailed instructions for using each index are presented under "How To Use Indexes" following the foreword.

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U.S. DEPARTMENT OF COMMERCE
Alexander B. Trowbridge, Secretary
CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Hubert E. Sauter, Acting Director

Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

FOREWORD

GOVERNMENT-WIDE INDEX TO FEDERAL RESEARCH & DEVELOPMENT REPORTS is produced by computer from machineable records generated by four Federal agencies which announce R&D reports. Machineable records from the Atomic Energy Commission, the National Aeronautics and Space Administration, the Defense Documentation Center, and the Clearinghouse for Federal Scientific and Technical Information are merged to produce GWI. GWI indexes all of the reports announced in its companion abstract journal, U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS.

There are some format errors and inconsistencies in this index resulting from the machine merger of the data generated by several agencies. Efforts are being made to correct these inconsistencies. The agencies involved are working with a task group of the Committee on Scientific and Technical Information to develop improved interagency standards which will eliminate these problems.

The Clearinghouse is striving to improve the content and format of GOVERNMENT-WIDE INDEX so that it will become increasingly valuable to the general public as a reference tool and order guide. Comments and suggestions for improvement are invited and should be directed to the Director, Clearinghouse, Springfield, Va. 22151.

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The access points to technical reports listed in this index include:

- Subject
- Personal Author
- Corporate Author
- Contract Number
- Accession/Report Number

Each index is arranged alphanumerically (that is, alphabetical data precedes numerical data). A typical entry is as follows:

ACOUSTIC EQUIPMENT(a)
INSTRUMENT FOR ACOUSTIC AND VIBRATION MEASUREMENTS.(b)
AD–627 041(c) 20A(d) U 67 05(e) HC$ 3.00 MF$ 0.65(f)

(a) Index entry.

(b) Title of report.

(c) Accession/report number—that number used by the announcing agency to uniquely identify the report. Use THIS number and title when ordering documents from the Clearinghouse.

(d) Field/group location in USGRDR.

(e) Code for journal, volume, and issue number in which the report is abstracted.

U—U. S. Government Research & Development Reports, Clearinghouse for Federal Scientific.

N—Nuclear Science Abstracts, Atomic Energy Commission.

S—Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

(f) Clearinghouse prices for paper copy (HC) and microfiche (MF).

INDEXES

• SUBJECT INDEX

Entries are arranged by the subject terms assigned by the contributing agency (this means "asterisked" descriptors for USGRDR entries, subject headings for STAR and NSA). The subject term appears at the beginning of each entry. The title of the report is indented below the subject term. For NSA entries, the "modifier" which is assigned by AEC is used in place of the title. The "accession number" line giving field/group, journal, and price information for the report follows the last line of the title. If two or more reports are indexed under the same subject term, they are listed in accession number sequence under the term (separated by a blank line). If two or more reports under a subject term have identical titles, the title is printed once and the different accession number lines are printed below the title.

SAMPLES

```
AERODYNAMIC CHARACTERISTICS
  USE OF POLYNOMIAL APPROXIMATIONS IN DIGITAL COMPUTERS FOR
  SOLUTION OF AIR DATA FORMULAE.
  N67-22948                    1A S05 11 HC$  3.00 MF$ 0.65

  EXPERIMENTAL VEHICLE PV-1 WITH AIR CUSHIONS. FLIGHT TEST
  (VEHICLE WITHOUT FLAPS).
  N67-22970                    1C S05 11 HC$  3.00 MF$ 0.65
  .
  .
  .
AERODYNAMIC HEATING, HYPERSONIC FLOW
  REAL GAS EFFECTS IN HYPERSONIC AERODYNAMIC HEATING.
  AD-650 849                   20D U67 12 HC$  3.00 MF$ 0.65

  AD-650 984                   20D U67 12 HC$  3.00 MF$ 0.65
```

• PERSONAL AUTHOR INDEX

Entries are arranged by personal author, editor, or compiler. The names are presented last name first. Title of the report (or reports) is indented below the author's name. The "accession number" line follows the title. Certain anomalies occur when sorting by computer. While true for all indexes in this journal, they are most noticeable in the Personal Author Index. The requirements of a computer sort cause "JOHNS, J.J." to appear after "JOHNSON, F.X." (the comma sorts after the O in SON), but "SMITH-JONES, A.B." will appear ahead of "SMITHERS, P.P." (the hyphen sorts ahead of the E in SMITHERS).

```
ANGUS, JOHN C.
  DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS.
  AD-651 059                   20B U67 12 HC$  3.00 MF$ 0.65

ANNIS, J. A.
  BIO-THERMAL RESPONSES TO VARIED WORK PROGRAMS IN MEN KEPT
  THERMALLY NEUTRAL BY WATER COOLED CLOTHING.
  N67-22151                    6S S05 11 HC$  3.00 MF$ 0.65
```

• CORPORATE AUTHOR

Entries are arranged by the corporate author of each report as catalogued by the contributing agency. Title of the report (or reports) is indented below the corporate author and the "accession number" line follows the title. Some inconsistencies appear. However, as the new corporate authority list prepared by the Committee on Scientific and Technical Information (COSATI) comes into general use among the contributing agencies, it is expected that all entries for a given organization will appear under a common heading in this index.

```
AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF.
  SYMPOSIUM ON PARACHUTE TECHNOLOGY AND EVALUATION,
  PROCEEDINGS.  VOLUME I.
  AD-452 430                   1C U67 12 HC$  3.00

  SYMPOSIUM ON PARACHUTE TECHNOLOGY AND EVALUATION,
  PROCEEDINGS.  VOLUME II.
  AD-452 431                   1C U67 12 HC$  3.00
```

• CONTRACT NUMBER INDEX

Entries are arranged alphanumerically by contract number and by grant number. Accession numbers appear in sequence with field/group, journal, and price information indented below the appropriate contract or grant number. Report titles are not included in this index.

```
CONTRACT AF 61(052)-851
  AD-650 719                   17B U67 12 HC$  3.00 MF$ 0.65
CONTRACT AF-EOAR-63-36
  N67-23238                    7C S05 11 HC$  3.00 MF$ 0.65
CONTRACT AT(29-1)-1106
  RFP-686                      20H N21 09 HC$  3.00 MF$ 0.65
  RFP-792                      20C N21 09 HC$  3.00 MF$ 0.65
  RFP-879                      7B N21 09 HC$  3.00 MF$ 0.65
  .
  .
GRANT NSF-GS-552
  PB-174 442                   12A U67 12 HC$  3.00 MF$ 0.65
GRANT NSF-G24442
  PB-174 522                   5I U67 12 HC$  3.00 MF$ 0.65
GRANT NSG-134-61
  N67-22357                    4A S05 11 HC$  3.00 MF$ 0.65
  N67-23273                    9D S05 11 HC$  3.00 MF$ 0.65
```

• ACCESSION/REPORT NUMBER INDEX

Entries are arranged alphanumerically by accession number assigned by the contributing agency and by technical report and monitoring agency number. Some reports have more than one number. All reports covered in this index are represented by at least one unique number. Accession numbers appear in sequence with field/group, journal, and price information on the same line; other numbers associated with the report appear in sequence followed by an indented "accession number" line. Report titles are not included in this index.

```
AD-479403
  N67-22704                    1D S05 11 HC$  3.00 MF$ 0.65
AD-489 159                     12A U67 12 HC$  3.00 MF$ 0.65
AD-50 040                      13D U67 12 HC$  3.00
AD-63 045                      5E U67 12 HC$  3.00 MF$ 0.65
AD-643163
  N67-22449                    20I S05 11 HC$  3.00 MF$ 0.65
AD-643497
  N67-23050                    6P S05 11 HC$  3.00 MF$ 0.65
AD-645488
  N67-23238                    7C S05 11 HC$  3.00 MF$ 0.65
```

GOVERNMENT-WIDE INDEX TO FEDERAL R AND D REPORTS
Volume 67, No. 22

Indexed in this issue are unclassified reports of Government-sponsored research and development abstracted in the following journals:

U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS (USGRDR)	67, No. 22
SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS (STAR)	Vol. 5, No. 21
NUCLEAR SCIENCE ABSTRACTS (NSA)	Vol. 21, No. 19

SUBJECT INDEX 1
(White Pages)

PERSONAL AUTHOR INDEX 59
(Green Pages)

CORPORATE AUTHOR INDEX 97
(Buff Pages)

CONTRACT NUMBER INDEX 119
(Salmon Pages)

ACCESSION/REPORT NUMBER INDEX 125
(Blue Pages)

SUBJECT INDEX

ABLATING MATERIAL
METHODS FOR OBTAINING SURFACE TEMPERATURES OF MATERIALS IN THE PRESENCE OF EXTRANEOUS RADIATION.
N67-35727 20M S05 21 MC$ 3.00 MF$ 0.65

EXPERIMENTAL EVALUATION OF SIX ABLATIVE-MATERIAL THRUST CHAMBERS AS COMPONENTS OF STORABLE-PROPELLANT ROCKET ENGINES.
N67-35774 21M S05 21 MC$ 3.00 MF$ 0.65

ABLATING NOSE CONE
AERODYNAMIC STUDY OF STAGNATION ABLATION.
N67-36099 1A S05 21 MC$ 3.00 MF$ 0.65

ABSORPTION
ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES.
N67-36604 20N S05 21 MC$ 3.00 MF$ 0.65

ABSORPTION SPECTRUM
QUANTITATIVE INVESTIGATIONS ON STABLE BLUE SOLUTIONS OF SULPHUR IN ORGANIC SOLVENTS.
N67-35975 7D S05 21 MC$ 3.00 MF$ 0.65

ABSORPTION SPECTRUM, INTERSTELLAR MATTER
ON THE FINE STRUCTURE OF ABSORPTION LINES.
AD-658 693 3B U67 22

ABSTRACT
INDEX TO NASA TECH BRIEFS, JANUARY - JUNE 1967.
N67-35540 5B S05 21 MC$ 3.00 MF$ 0.65

ABSTRACTS, PROCESSING
ANNUAL REPORT AUTOMATIC INDEXING AND ABSTRACTING.
AD-659 057 9B U67 22 MC$ 3.00 MF$ 0.65

ACCELERATION, RESPONSES
CROSS-MODALITY ESTIMATION OF ANGULAR VELOCITY.
AD-658 657 6S U67 22 MC$ 3.00 MF$ 0.65

ACCLIMATIZATION
ACCLIMATIZATION.
N67-36101 6P S05 21 MC$ 3.00 MF$ 0.65

ACOUSTIC VIBRATION
STRUCTURAL RESPONSE TO INFLIGHT ACOUSTIC AND AERODYNAMIC ENVIRONMENTS.
N67-36060 20K S05 21 MC$ 3.00 MF$ 0.65

ADAPTATION(PHYSIOLOGY), NIGHT VISION
THE RELATION OF DARK ADAPTATION TO DURATION OF PRIOR RED ADAPTATION.
AD-658 746 6P U67 22

ADJUSTMENT(PSYCHOLOGY), PERFORMANCE(HUMAN)
A CRITERION MODEL FOR THE STUDY OF INTERPERSONAL RELATIONS IN SMALL ISOLATED GROUPS.
AD-658 736 5J U67 22 MC$ 3.00 MF$ 0.65

ADSORPTION
APPLICATION OF THE AUGER PROCESS TO THE STUDY OF GASEOUS ADSORPTION ON TUNGSTEN.
N67-36472 20L S05 21 MC$ 3.00 MF$ 0.65

ADVANCED RANGE INSTRUMENTATION SHIP (ARIS)
A TURNSTILE CONICAL-SCAN FEED TO IMPROVE TRACKING-ANTENNA PERFORMANCE ON APOLLO INSTRUMENTED SHIPS.
N67-35779 9F S05 21 MC$ 3.00 MF$ 0.65

AERODYNAMIC CHARACTERISTICS
HYPERSONIC AERODYNAMIC CHARACTERISTICS OF MINIMUM-WAVE-DRAG BODIES HAVING VARIATIONS IN CROSS-SECTIONAL SHAPE.
N67-35728 1A S05 21 MC$ 3.00 MF$ 0.65

AERODYNAMIC INVESTIGATION OF SOME HIGH-DRAG ENTRY SHAPES AT MACH 15.4.
N67-35730 1A S05 21 MC$ 3.00 MF$ 0.65

AERODYNAMIC HEATING
AERODYNAMIC STUDY OF STAGNATION ABLATION.
N67-36099 1A S05 21 MC$ 3.00 MF$ 0.65

AERODYNAMIC LOADING, WINGS
CALCULATION OF AERODYNAMIC LOADING AND TWIST CHARACTERISTICS OF A FLEXIBLE WING AT MACH NUMBERS APPROACHING 1.0 AND COMPARISON WITH EXPERIMENT.
PB-175 849 1C U67 22 MC$ 3.00 MF$ 0.65

AERODYNAMIC NOISE
STRUCTURAL RESPONSE TO INFLIGHT ACOUSTIC AND AERODYNAMIC ENVIRONMENTS.
N67-36060 20A S05 21 MC$ 3.00 MF$ 0.65

AERODYNAMIC NOISE, JETS
SIMILARITY OF FAR NOISE FIELDS OF JETS.
PB-175 853 20A U67 22 MC$ 3.00 MF$ 0.65

AEROSOLS, PARTICLE SIZE
AUTOMATIC COUNTING OF ATMOSPHERIC AEROSOLS COLLECTED WITH THE GOETZ ULTRACENTRIFUGE.
AD-658 667 4A U67 22 MC$ 3.00 MF$ 0.65

AEROSPACE MEDICINE
EXTREMAL FACTORS OF LONG-TERM SPACE FLIGHT AND HEALTH REQUIREMENTS FOR SPACECRAFT CREWS.
N67-30480 6S S05 21 MC$ 3.00 MF$ 0.65

AEROSPACE TECHNOLOGY
DIVISION OF MECHANICAL ENGINEERING AND THE NATIONAL AERONAUTICAL ESTABLISHMENT QUARTERLY BULLETIN, 1 JAN. - 31 MAR. 1967.
N67-35995 1B S05 21 MC$ 3.00 MF$ 0.65

AFRICA, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS FOR ETHIOPIA, EARTREA, AND THE SOMALILANDS.
PB-176 030 4B U67 22 MC$ 3.00 MF$ 0.65

AGRICULTURE, CLIMATOLOGY
CLIMATOLOGICAL ASPECTS OF THE VIRGIN SOIL PROJECT IN THE U. S. S. R.,
PB-176 045 4B U67 22 MC$ 3.00 MF$ 0.65

AGRICULTURE, WEATHER FORECASTING
A METHOD FOR DERIVING PREDICTIONS OF SOIL TEMPERATURE FROM MEDIUM-RANGE WEATHER FORECASTS.
PB-175 773 8M U67 22 MC$ 3.00 MF$ 0.65

AIR FORCE OPERATIONS, TACTICAL WARFARE
AIR-TO-AIR COMBAT IN WORLD WAR II A QUANTITATIVE HISTORY.
AD-659 043 15G U67 22 MC$ 3.00 MF$ 0.65

AIR FORCE PERSONNEL, ELECTRONIC TECHNICIANS
TRAINING AND RETENTION OF AIR FORCE AIRMEN AN ECONOMIC ANALYSIS,
AD-658 822 5I U67 22 MC$ 3.00 MF$ 0.65

AIR FORCE TRAINING, COMMAND + CONTROL SYSTEMS
OPERATIONAL SPECIFICATION FOR EXERCISE AND EVALUATION CAPABILITY,
AD-658 436 9B U67 22 MC$ 3.00 MF$ 0.65

AIR FORCE TRAINING, ELECTRONIC TECHNICIANS
TRAINING AND RETENTION OF AIR FORCE AIRMEN AN ECONOMIC ANALYSIS,
AD-658 822 5I U67 22 MC$ 3.00 MF$ 0.65

AIR POLLUTION, AEROSOLS
AUTOMATIC COUNTING OF ATMOSPHERIC AEROSOLS COLLECTED WITH THE GOETZ ULTRACENTRIFUGE.
AD-658 667 4A U67 22 MC$ 3.00 MF$ 0.65

AIR POLLUTION, ALLERGY
AIR POLLUTION ASTHMA IN OSAKA, JAPAN.
AD-658 687 6E U67 22 MC$ 3.00 MF$ 0.65

AIR TRAFFIC CONTROL SYSTEMS, COSTS
AIR TRAFFIC CONTROL SYSTEMS COSTS.
AD-659 034 17G U67 22 MC$ 3.00 MF$ 0.65

AIR TRAFFIC CONTROL SYSTEMS, OPERATIONS RESEARCH
NOTES ON THE MEASUREMENT OF CONTROL LOAD AND SECTOR DESIGN IN THE ENROUTE ENVIRONMENT,
AD-659 035 17G U67 22 MC$ 3.00 MF$ 0.65

AIR TRAFFIC CONTROL SYSTEMS, RADAR EQUIPMENT
AN ANALYSIS OF THE FAA RANGE INSTRUMENTATION AT NAFEC.
AD-658 893 17G U67 22 MC$ 3.00 MF$ 0.65

AIRCRAFT CONFIGURATION
A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
N67-36403 1A S05 21 MC$ 3.00 MF$ 0.65

AIRCRAFT HAZARD
A NEW ASPECT OF MAN'S RELATIONS WITH BIRDS.
N67-35617 1B S05 21 MC$ 3.00 MF$ 0.65

AIRCRAFT INDUSTRY, TRAINING
COST-BASED PRICING AND LABOR ELASTICITY,
AD-658 428 5C U67 22 MC$ 3.00 MF$ 0.65

AIRCRAFT STABILITY
STUDY OF FLUID FLIGHT PATH CONTROL SYSTEM.
N67-36563 1D S05 21 MC$ 3.00 MF$ 0.65

AIRCRAFT, DYNAMICS
CONTROL OF FLEXIBLE AIRCRAFT DYNAMIC RESPONSE,
AD-658 524 1C U67 22 MC$ 3.00 MF$ 0.65

AIRFOILS, STALLING
STALL PROPAGATION IN A CASCADE OF AIRFOILS.
PB-175 862 1A U67 22 MC$ 3.00 MF$ 0.65

AIRPLANE ENGINE NOISE, VERTICAL TAKE-OFF PLANES
EVALUATION OF NOISE PROBLEMS ANTICIPATED WITH FUTURE VTOL AIRCRAFT.
AD-658 448 20A U67 22 MC$ 3.00 MF$ 0.65

AIRPLANE PANELS, STRESSES
STRESSES IN SKIN PANELS SUBJECTED TO RANDOM ACOUSTIC LOADING.
AD-658 846 1C U67 22

AIRPLANES, DESIGN
STATUS OF SPIN RESEARCH FOR RECENT AIRPLANE DESIGNS.
PB-175 850 1C U67 22 MC$ 3.00 MF$ 0.65

AIRPLANES, GUST LOADS
THE LATERAL RESPONSE OF AIRPLANES TO RANDOM ATMOSPHERIC TURBULENCE.
PB-175 874 1C U67 22 MC$ 3.00 MF$ 0.65

AIR, HIGH-TEMPERATURE RESEARCH
APPROXIMATIONS FOR THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF HIGH-TEMPERATURE AIR.

PB-175 855 20M U67 22 HC$ 3.00 MF$ 0.65

AIR, REACTION KINETICS
EXPERIMENTAL AND ANALYTICAL STUDY OF THE H2-AIR REACTION KINETICS USING A STANDING-WAVE NORMAL SHOCK.
AD-658 434 21B U67 22 HC$ 3.00 MF$ 0.65

AIR, SKIN FRICTION
TURBULENT SKIN FRICTION AT HIGH MACH NUMBERS AND REYNOLDS NUMBERS IN AIR AND HELIUM.
PB-175 887 1A U67 22 HC$ 3.00 MF$ 0.65

ALBEDO
THE EFFECT OF PLANETARY ALBEDO ON SOLAR ORIENTATION OF SPACECRAFT.
N67-35722 22A S05 21 HC$ 3.00 MF$ 0.65

ALBEDO, THERMAL NEUTRONS
MEASUREMENTS AND SINGLE-VELOCITY CALCULATIONS OF DIFFERENTIAL ANGULAR THERMAL-NEUTRON ALBEDOS FOR CONCRETE,
ORNL-4090 18F N21 19 HC$ 3.00 MF$ 0.65

ALGEBRAIC TOPOLOGY, CLASSIFICATION
CLASSIFICATION AND DEFORMATION OF RIEMANIAN SPACES,
AD-658 780 12A U67 22

MAP COHOMOLOGY OPERATIONS AND ENUMERATION OF VECTOR BUNDLES,
AD-658 790 12A U67 22

ALGEBRAS, OPERATIONS RESEARCH
APPLICATION OF BOOLEAN ALGEBRA TO ANALYSIS AND SIMULATION OF NETWORKS.
AD-658 980 12B U67 22 HC$ 3.00 MF$ 0.65

ALGEBRAS, PROBLEM SOLVING
CONVOLUTION ALGEBRAS ON LOCALLY COMPACT SPACES.
AD-658 992 12A U67 22 HC$ 3.00 MF$ 0.65

ALGEBRA, NUMBER THEORY
ON THE CONSTRUCTION OF ORTHOGONALIZED SQUARES BY FINITE FIELDS.
AD-658 408 12B U67 22 HC$ 3.00 MF$ 0.65

ALGORITHM
SIMULATION AND ANALYSIS OF OPTIMAL SELF-PACED SECOND ORDER CONTROL SYSTEMS.
N67-35957 9C S05 21 HC$ 3.00 MF$ 0.65

ALIGNMENT
ALIGNMENT OF INERTIAL SYSTEMS ON A MOVING BASE.
N67-35792 17G S05 21 HC$ 3.00 MF$ 0.65

ALLERGY, AIR POLLUTION
AIR POLLUTION ASTHMA IN OSAKA, JAPAN.
AD-658 687 6E U67 22 HC$ 3.00 MF$ 0.65

ALPHA PARTICLES, ELASTIC SCATTERING
OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF 3HE BY 4HE,
AD-658 666 20H U67 22

AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING,
AD-658 922 20H U67 22

ALPHA RADIATION
GEOMAGNETICALLY TRAPPED ALPHA PARTICLES.
N67-36120 4A S05 21 HC$ 3.00 MF$ 0.65

ALTIMETERS, ERRORS
SEVERAL METHODS FOR AERODYNAMIC REDUCTION OF STATIC-PRESSURE SENSING ERRORS FOR AIRCRAFT AT SUBSONIC, NEAR-SONIC, AND LOW SUPERSONIC SPEEDS.
PB-175 883 1D U67 22 HC$ 3.00 MF$ 0.65

ALUMINUM ALLOY
FATIGUE LIFE UNDER RANDOM LOADING FOR SEVERAL POWER SPECTRAL SHAPES.
N67-35726 11F S05 21 HC$ 3.00 MF$ 0.65

AMERICIUM, RADIOACTIVE ISOTOPES
ANALYTICAL CAPABILITIES OF A SEMICONDUCTOR X-RAY EMISSION SPECTROMETER,
UCRL-16845 18D N21 19 HC$ 3.00 MF$ 0.65

AMINES, CHEMICAL REACTIONS
CYCLOPROPANONES. VI. REACTION OF CYCLOPROPANONE WITH AMINES,
AD-659 017 7C U67 22

AMINO ACID
CONTENT OF AMINO-ACIDS IN THE DIFFERENT AREAS OF THE BRAIN UNDER CONDITIONS OF HYPEROXIA.
N67-35903 6P S05 21 HC$ 3.00 MF$ 0.65

AMINO ACIDS, CHEMICAL REACTIONS
REACTION OF MYOGLOBIN WITH 3,3-TETRAMETHYLENEGLUTARIC ANHYDRIDE,
AD-658 417 6A U67 22

AMINO ACIDS, TASTE
PREFERENCE-AVERSION FUNCTION FOR SODIUM MONOAMINODICARBOXYLATES IN RATS,
AD-658 620 6P U67 22

AMMONIA
DESCRIPTION OF SCIENTIFIC SOUNDING-ROCKET PROJECT S-18.
N67-35932 4A S05 21 HC$ 3.00 MF$ 0.65

AMMONOLYSIS
THE AMMONOLYSIS OF CHLORINE OXIDES AND OF CHLOROXIFLUORIDES. COMPARING CONDUCTIVITY TESTS ON THE HALOGEN AMINES IN VOLATILE SOLUTION.
N67-36063 7B S05 21 HC$ 3.00 MF$ 0.65

AMPHIBIOUS VEHICLES, VISION
DRIVER'S VISION IN LANDING VEHICLE TRACTOR.
AD-658 567 19C U67 22 HC$ 3.00 MF$ 0.65

ANALOG-TO-DIGITAL CONVERTER
DESIGN AND FABRICATION OF AN ANALOG VOLTAGE TO DUTY CYCLE GENERATOR INTERIM PROGRESS REPORT.
N67-36031 9A S05 21 HC$ 3.00 MF$ 0.65

ANALOG-TO-DIGITAL CONVERTERS, INFORMATION THEORY
ANALOG SOURCE DIGITIZATION A COMPARISON OF THEORY AND PRACTICE.
AD-658 776 9D U67 22

ANALYSIS OF VARIANCE, SAMPLING
CORRELATION OF RANGES OF CORRELATED DEVIATES,
AD-658 787 12A U67 22

ANCHORS(STRUCTURAL), PAVEMENTS
AN EVALUATION OF TERMINAL ANCHORAGE INSTALLATIONS ON RIGID PAVEMENTS.
PB-176 064 13B U67 22 HC$ 3.00 MF$ 0.65

ANNULUS
ON THE ONE-DIMENSIONAL MAGNETOHYDRODYNAMIC FLOW IN AN ANNULUS.
N67-35863 20E S05 21 HC$ 3.00 MF$ 0.65

ANOMALIES, SEISMIC WAVES
AMPLITUDE ANOMALIES AT LASA,
AD-658 495 17J U67 22 HC$ 3.00 MF$ 0.65

ANTENNA
THEORETICAL AND EXPERIMENTAL STUDY OF A FINITE CYLINDRICAL ANTENNA IN A PLASMA COLUMN.
N67-35956 20N S05 21 HC$ 3.00 MF$ 0.65

ANTENNA ARRAY
STUDY AND APPLICATIONS OF RETRODIRECTIVE AND SELF-ADAPTIVE ELECTROMAGNETIC WAVE CONTROLS TO A MARS PROBE QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N67-35372 17B S05 21 HC$ 3.00 MF$ 0.65

STUDY AND APPLICATIONS OF RETRODIRECTIVE AND SELF-ADAPTIVE ELECTROMAGNETIC WAVE CONTROLS TO A MARS PROBE QUARTERLY REPORT, 1 JAN. - 31 JUL. 1966.
N67-36606 9F S05 21 HC$ 3.00 MF$ 0.65

ANTENNA ARRAYS, ANTENNA RADIATION PATTERNS
INVESTIGATIONS ON THE DIRECTIVITY OF CIRCULAR ANTENNA ARRAYS IN COMPARISON WITH THE BEAMWIDTH OF PARABOLIC REFLECTORS IN THE DECIMETER AND CENTIMETER WAVE BAND.
AD-658 490 9E U67 22 HC$ 3.00 MF$ 0.65

ANTENNA ARRAYS, GAIN
GAIN OPTIMIZATION FOR ARBITRARY ANTENNA ARRAYS SUBJECT TO RANDOM FLUCTUATIONS,
AD-658 761 9E U67 22

ANTENNA ARRAYS, SIGNAL-TO-NOISE RATIO
PERFORMANCE OF ELECTRICALLY SMALL BEAMED ARRAY RECEIVING SYSTEMS IN THE PRESENCE OF NOISE.
AD-658 885 9E U67 22 HC$ 3.00 MF$ 0.65

ANTENNA RADIATION PATTERNS, HIGH FREQUENCY
LINEAR HIGH FREQUENCY ANTENNAS OVER A FINITELY CONDUCTING SPHERICAL EARTH.
AD-809 305 20N U67 22 HC$ 3.00 MF$ 0.65

ANTENNAS, PIPES
CURRENT DISTRIBUTION AND INPUT ADMITTANCE OF AN ELECTRICALLY THICK TUBULAR ANTENNA DRIVEN BY A VOLTAGE ACROSS A FINITE GAP ON AN INFINITELY LARGE GROUND PLANE,
AD-658 455 9E U67 22 HC$ 3.00 MF$ 0.65

AN EXPERIMENTAL STUDY OF AN ELECTRICALLY THICK, TUBULAR, MONOPOLE ANTENNA DRIVEN BY A COAXIAL TRANSMISSION LINE.
AD-658 456 9E U67 22 HC$ 3.00 MF$ 0.65

ANTENNAS, REENTRY VEHICLES
MICROWAVE BREAKDOWN OF THE REENTRY BOUNDARY LAYER.
AD-658 851 20N U67 22 HC$ 3.00 MF$ 0.65

ANTIAIRCRAFT GUNS, GUN MOUNTS
PARALLELOGRAM MOUNTING OF REFLEX SIGHT FOR 0 CAL. ANTI-AIRCRAFT MACHINE GUN,
AD-658 585 19F U67 22 HC$ 3.00 MF$ 0.65

ANTIBIOTICS, MECHANICAL PROPERTIES
THE INFLUENCE OF MECHANICAL EFFECTS ON ACTOMYOSIN (MECHANICAL EFFECT ON ACTOMYOSIN).
AD-658 654 6A U67 22 HC$ 3.00 MF$ 0.65

ANTIFRICTION BEARINGS, FATIGUE(MECHANICS)
A STUDY OF SOME FACTORS AFFECTING ROLLING-CONTACT FATIGUE LIFE.
PB-175 863 13I U67 22 HC$ 3.00 MF$ 0.65

ANTIGENS + ANTIBODIES, IMMUNE SERUMS
EXAMINATION FOR COMPLEMENT-REQUIRING NEUTRALIZING ANTIBODIES AGAINST JAPANESE ENCEPHALITIS, WESTERN EQUINE ENCEPHALITIS AND VACCINIA VIRUSES.
AD-658 688 6M U67 22 HC$ 3.00 MF$ 0.65

ANTIGEN-ANTIBODY REACTIONS, METHIONINE
PERIODATE OXIDATION OF SPERM-WHALE MYOGLOBIN AND THE ROLE OF THE METHIONINE RESIDUES IN THE ANTIGEN-ANTIBODY REACTION,
AD-658 644 6A U67 22

ANTIGEN-ANTIBODY REACTIONS, TRACER STUDIES
THE IMMUNOLOGIC REACTIVITY OF LONG-LIVED LYMPHOCYTES IN SITU IN RAT POPLITEAL LYMPH NODES,
AD-659 027 6P U67 22 MC$ 3.00 MF$ 0.65

APOLLO SPACECRAFT
DYNAMIC MODEL INVESTIGATION OF WATER PRESSURES AND ACCELERATIONS ENCOUNTERED DURING LANDINGS OF THE APOLLO SPACECRAFT.
N67-36504 22B S05 21 MC$ 3.00 MF$ 0.65

APPLICATIONS TECHNOLOGY SATELLITE (ATS)
APPLICATIONS TECHNOLOGY SATELLITE GRAVITY GRADIENT STABILIZATION SYSTEM QUARTERLY PROGRESS REPORT, 1 FEB. - 30 APR. 1967.
N67-36032 22B S05 21 MC$ 3.00 MF$ 0.65

ARABIA, CLIMATOLOGY
AN ANNOTATED BIBLIOGRAPHY ON THE CLIMATE OF THE ARABIAN PENINSULA,
PB-176 017 4B U67 22 MC$ 3.00 MF$ 0.65

BIBLIOGRAPHY OF CLIMATIC MAPS OF THE ARABIAN PENINSULA,
PB-176 041 4B U67 22 MC$ 3.00 MF$ 0.65

ARC LAMP
LIGHT SOURCES FOR REMOTE SENSING SYSTEMS.
N67-36490 20F S05 21 MC$ 3.00 MF$ 0.65

ARC WELDING
JOINING REFRACTORY/AUSTENITIC BIMETAL TUBING FINAL TECHNICAL REPORT, APR. 1965 - OCT. 1966.
N67-36029 13H S05 21 MC$ 3.00 MF$ 0.65

ARCHAEOLOGY, NEW MEXICO
ARCHEOLOGICAL SALVAGE EXCAVATIONS ON THE MESITA DEL BUEY, LOS ALAMOS COUNTY, NEW MEXICO,
LA-3036 8G N21 19 MC$ 3.00 MF$ 0.65

ARGON
SHOCK TUBE STUDY OF THE THERMAL CONDUCTIVITY OF ARGON.
N67-36419 20M S05 21 MC$ 3.00 MF$ 0.65

ARGON PLASMA
VOLUME ION PRODUCTION COSTS IN TENUOUS PLASMAS - A GENERAL ATOM THEORY AND DETAILED RESULTS FOR HELIUM, ARGON, AND CESIUM.
N67-35363 20I S05 21 MC$ 3.00 MF$ 0.65

ARGON, ELASTIC SCATTERING
ALMOST 'HEAD-ON' COLLISIONS IN THE SCATTERING OF FAST ARGON ATOMS BY HYDROGEN ISOTOPES.
AD-658 759 7D U67 22

ARKANSAS, MANPOWER STUDIES
AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION VII,
PB-175 968 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION VIII,
PB-175 969 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION IX,
PB-175 970 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION X,
PB-175 971 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION XI,
PB-175 972 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION XII,
PB-175 973 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION XIII,
PB-175 974 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION XIV,
PB-175 975 51 U67 22 MC$ 3.00 MF$ 0.65

SUMMARY OF AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES,
PB-175 976 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART II. AN ACTION PROGRAM FOR IMPLEMENTING GREATER UTILIZATION OF THE LABOR SUPPLY IN THREE PILOT COUNTIES,
PB-175 977 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE STATE'S LABOR SURPLUS,
PB-175 978 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION VI,
PB-175 979 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION V,
PB-175 980 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION IV,
PB-175 981 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION III,
PB-175 982 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION II,
PB-175 983 51 U67 22 MC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION I,
PB-175 984 51 U67 22 MC$ 3.00 MF$ 0.65

ARMED FORCES OPERATIONS, COST EFFECTIVENESS
A PARAMETRIC APPROACH TO THE EVALUATION OF MILITARY INFORMATION SYSTEMS,
AD-658 737 15G U67 22 MC$ 3.00 MF$ 0.65

ARMED FORCES TRANSPORTATION, TERRAIN
A SUGGESTED PROCEDURE FOR THE SELECTION AND DESCRIPTION OF REFERENCE TEST AREAS,
AD-658 659 13F U67 22 MC$ 3.00 MF$ 0.65

ARMED FORCES(UNITED STATES), FOREIGN AID
WORK OF THE ARMED FORCES IN THE ECONOMIC AND SOCIAL DEVELOPMENT OF THE COUNTRIES (MILITARY CIVIC ACTION).
AD-659 037 5D U67 22 MC$ 3.00 MF$ 0.65

ARMY PERSONNEL, FATIGUE(PHYSIOLOGY)
STUDY OF SCHEDULES, DURATION AND DISCIPLINE OF REST PERIODS FOR TANK CREWS ON LONG MARCHES,
AD-658 625 6N U67 22 MC$ 3.00 MF$ 0.65

ARMY PERSONNEL, SELECTION
PRESELECTION TESTS.
AD-658 622 6N U67 22 MC$ 3.00 MF$ 0.65

PRESELECTION TESTS, PARTIAL REPORT NUMBER I,
AD-658 623 6N U67 22 MC$ 3.00 MF$ 0.65

ARMY, SYMPOSIA
ANNUAL ARMY HUMAN FACTORS RESEARCH AND DEVELOPMENT CONFERENCE (12TH) HELD AT THE U. S. ARMY INFANTRY CENTER, FORT BENNING, GEORGIA, 2-5 OCTOBER 1966.
AD-805 030 5E U67 22 MC$ 3.00 MF$ 0.65

ARSENIC ALLOYS, MAGNETO-OPTIC EFFECT
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INAS AND INSB AT 1.5K.
AD-658 835 20L U67 22 MC$ 3.00 MF$ 0.65

ARTIFICIAL LIMBS, POWER EQUIPMENT
ELECTRONIC ADJUSTABLE PREHENSION HAND.
AD-658 982 6L U67 22 MC$ 3.00 MF$ 0.65

ARTILLERY, DICTIONARIES
ARTILLERY GLOSSARY. ENGLISH-VIETNAMESE, VIETNAMESE-ENGLISH. FIRST EDITION (TU DIEN PHAO BINH. ANH-VIET, VIET-ANH. XUAT BAN LAN THU NHAT).
AD-658 665 5B U67 22 MC$ 3.00 MF$ 0.65

ASBESTOS
COLLOIDAL ASBESTOS FIBRILS AS REINFORCEMENTS FOR POLYMERIC STRUCTURES.
N67-36014 11D S05 21 MC$ 3.00 MF$ 0.65

ASCENT TRAJECTORY
MINIMUM FUEL ASCENT FROM THE LUNAR SURFACE.
N67-35796 22A S05 21 MC$ 3.00 MF$ 0.65

ASPHALT, ADHESION
AN INVESTIGATION OF AGGREGATE-ASPHALT ADHESION BY MEASUREMENT OF HEATS OF IMMERSION.
PB-175 933 13C U67 22 MC$ 3.00 MF$ 0.65

ASPHALT, BITUMINOUS COATINGS
A STUDY OF THE EFFECT OF DEVIATIONS IN ASPHALT CONTENT AND

GRADUATION FROM JUB-MIX VALUES IN MUT-MIXTURES. PHASE II,
PB-175 958 11G U67 22 HC$ 3.00 MF$ 0.65

ASTRONAUT PERFORMANCE
DIAMAGNETICS - CONSIDERATIONS RELEVANT TO MANNED SPACE FLIGHT.
N67-35706 22A S05 21 HC$ 3.00 MF$ 0.65

STUDY OF ASTRONAUT CAPABILITIES TO PERFORM EXTRAVEHICULAR MAINTENANCE AND ASSEMBLY FUNCTIONS IN WEIGHTLESS CONDITIONS.
N67-36491 22A S05 21 HC$ 3.00 MF$ 0.65

ASTRONOMICAL DATA, NEBULAE
A STATISTICAL AND ASTROPHYSICAL INVESTIGATION OF EMISSION-LINE STARS AND PLANETARY NEBULAE IN THE SOUTHERN MILKY WAY.
AD-658 513 3A U67 22 HC$ 3.00 MF$ 0.65

ASTRONOMICAL DATA, TABLES
PROPER MOTION SURVEY WITH THE FORTY-EIGHT INCH SCHMIDT TELESCOPE. XII. SEVEN FAR-NORTHERN REGIONS,
PB-175 946 3A U67 22 HC$ 3.00 MF$ 0.65

ASTRONOMICAL OBSERVATORIES, SPECTROGRAPHIC CAMERAS
OBSERVATIONS OF QUASI-STELLAR AND HAKO-LUYTEN BLUE OBJECTS,
AD-658 699 3A U67 22

ASTRONOMICAL OBSERVATORIES, STARS
THE EINSTEIN REDSHIFT IN WHITE DWARFS,
AD-658 775 3A U67 22

ASTRONOMY
SPACE PROGRAM.
N67-36460 22A S05 21 HC$ 3.00 MF$ 0.65

ASTRONOMY, RADAR
RADAR MEASUREMENTS AT 70 CM OF VENUS AND MERCURY,
AD-658 955 3A U67 22

ASTRONOMY, RELATIVITY THEORY
ASTRONOMICAL CONSTANTS AND PLANETARY EPHEMERIDES DEDUCED FROM RADAR AND OPTICAL OBSERVATIONS.
AD-658 914 3A U67 22

ASTROPHYSICS, SCIENTIFIC RESEARCH
FINAL STATUS REPORT TO THE NATIONAL SCIENCE FOUNDATION, JANUARY 1, 1966 - JUNE 15, 1967.
PB-175 965 3B U67 22 HC$ 3.00 MF$ 0.65

ASYMPTOTIC FUNCTION
CONTRACTION COEFFICIENT OF JETS.
N67-36145 20D S05 21 HC$ 3.00 MF$ 0.65

ASYMPTOTIC SERIES, CYLINDRICAL BODIES
ASYMPTOTIC SOLUTION FOR SHORT RING-REINFORCED OVAL CYLINDERS,
AD-658 516 20K U67 22 HC$ 3.00 MF$ 0.65

ATHEROSCLEROSIS, POPULATION
THE QUANTITATIVE NATURE OF THE RELATIONSHIP OF CORONARY ARTERY ATHEROSCLEROSIS AND CORONARY HEART DISEASE RISK,
UCRL-50270 6E N21 19 HC$ 3.00 MF$ 0.65

ATLAS AGENA LAUNCH VEHICLE
RANGER LAUNCH VEHICLE INTEGRATION SUMMARY.
N67-35448 22D S05 21 HC$ 3.00 MF$ 0.65

ATLAS CENTAUR LAUNCH VEHICLE
PHOTOGRAPHIC INVESTIGATION OF LIQUID BEHAVIOR ON TEMPERATURE AND LIQUID-VAPOR SENSORS USED IN LOW-GRAVITY ENVIRONMENT.
N67-35737 21M S05 21 HC$ 3.00 MF$ 0.65

ATMOSPHERE ENTRY, ABLATION
INVESTIGATION OF THE ABLATION OF SMALL PARTICLES UPON SIMULATED RE-ENTRY.
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ATMOSPHERE ENTRY, AUXILIARY POWER PLANTS
THEORETICAL STUDIES OF THE RE-ENTRY OF PLUTONIUM FUEL,
SC-CR-67-2573 18J N21 19 HC$ 3.00 MF$ 0.65

ATMOSPHERE ENTRY, BOUNDARY LAYER
MICROWAVE BREAKDOWN OF THE REENTRY BOUNDARY LAYER.
AD-658 851 20N U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERE ENTRY, PLANETARY ATMOSPHERES
AN APPROXIMATE ANALYTICAL METHOD FOR STUDYING ENTRY INTO PLANETARY ATMOSPHERES.
PB-175 880 22C U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERE ENTRY, PLASMA SHEATH
LABORATORY SIMULATION OF REENTRY PLASMA SHEATHS.
AD-658 882 20I U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERE, ATTENUATION
ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION.
AD-658 826 4A U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC CONDENSATION, EVAPORATION
ON THE CONTINUITY OF WATER SUBSTANCE.
PB-175 840 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC MOTION, AERONAUTICS
THE LATERAL RESPONSE OF AIRPLANES TO RANDOM ATMOSPHERIC TURBULENCE.
PB-175 874 1C U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC MOTION, ELECTRIC FIELDS
LOW FREQUENCY ELECTRIC FIELD CHARACTERISTICS OF CLEAR AIR TURBULENCE.
AD-658 875 4A U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC MOTION, METEOROLOGICAL SATELLITES
STUDIES IN ATMOSPHERIC ENERGETICS BASED ON AEROSPACE PROBINGS.
PB-175 997 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC PRECIPITATION, CLOUDS
ON THE CONTINUITY OF WATER SUBSTANCE.
PB-175 840 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC PRECIPITATION, MEASUREMENT
RELIABILITY OF CAN-TYPE PRECIPITATION GAGE MEASUREMENTS.
PB-175 934 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC PRECIPITATION, METEOROLOGICAL RADAR
DEPTHS AND TEMPERATURES OF CONTINENTAL CONVECTIVE CLOUDS AT THE TIME OF INITIAL PRECIPITATION ECHO,
PB-175 992 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC PRECIPITATION, WEATHER FORECASTING
ON THE USE AND MISUSE OF THE BRIER VERIFICATION SCORE.
PB-175 771 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC SOUNDING, STRATOSPHERE
SIMULTANEOUS DUST AND OZONE SOUNDINGS OVER NORTH AND CENTRAL AMERICA.
AD-658 546 4A U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERIC TEMPERATURE
RECENT RESULTS IN THE ATMOSPHERIC REGION ABOVE 200 KM AND COMPARISONS WITH CIRA 1965.
N67-36451 4A S05 21 HC$ 3.00 MF$ 0.65

ATMOSPHERIC TEMPERATURE, UPPER ATMOSPHERE
A CENSUS OF CIRRUS HEIGHTS AND TEMPERATURES OVER CENTRAL UNITED STATES,
PB-175 991 4B U67 22 HC$ 3.00 MF$ 0.65

ATMOSPHERICS, RECORDING SYSTEMS
A HIGH SPEED DIGITAL RECORDER FOR ATMOSPHERIC NOISE (SFERIC) WAVEFORMS,
AD-658 722 4A U67 22 HC$ 3.00 MF$ 0.65

ATOMIC ORBITALS, ELECTRON CAPTURE
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE.
AD-658 445 20J U67 22 HC$ 3.00 MF$ 0.65

ATOMIC ORBITALS, HARTREE-FOCK APPROXIMATION
HARTREE-FOCK THEORY SLATER DETERMINANTS OF MINIMUM ENERGY.
AD-658 907 7D U67 22

ATOMIC SPECTROSCOPY, HOLMIUM
SPECTRUM OF HO III,
AD-659 000 7D U67 22

ATOMIC SPECTROSCOPY, MANGANESE
SENSITIVITY OF MANGANESE DETERMINATION BY ATOMIC ABSORPTION SPECTROMETRY USING FOUR SOLVENTS.
AD-658 608 7B U67 22

ATOMIC SPECTROSCOPY, SAMARIUM
SPECTRUM OF SM III,
AD-658 954 7D U67 22

ATROPINE, METABOLISM
TROPINE-LABELED ATROPINE METABOLISM IN MAN N-C14H3-ATROPINE,
AD-658 547 6D U67 22 HC$ 3.00 MF$ 0.65

ATROPINE, TOXIC TOLERANCES
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD,
AD-658 462 6T U67 22 HC$ 3.00 MF$ 0.65

ATTITUDE CONTROL
CONTROL AND STABILIZATION OF SPACECRAFT. VOLUME III - ACTIVE CONTROL SYSTEMS.
N67-36669 22C S05 21 HC$ 3.00 MF$ 0.65

ATTITUDE CONTROL SYSTEMS, SPACECRAFT
FACILITIES FOR SIMULATING ATTITUDE MOTION OF SPACECRAFT,
AD-658 990 14B U67 22 HC$ 3.00 MF$ 0.65

ATTITUDES, HUMANS
THE MODERNIZATION OF MAN,
AD-658 950 5J U67 22

ATTITUDES, LEARNING
EFFECTS OF RACE OF TESTER, APPROVAL-DISAPPROVAL AND NEED ON NEGRO CHILDREN'S LEARNING.
AD-659 052 5J U67 22 HC$ 3.00 MF$ 0.65

ATTITUDES, PSYCHOMETRICS
THE OM SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY,
AD-658 806 5J U67 22

AUDIOMETRY, EARPHONES
COUPLERS FOR CALIBRATION OF EARPHONES,
AD-658 728 6E U67 22 HC$ 3.00 MF$ 0.65

AUDIOMETRY, STANDARDIZATION
FEASIBILITY OF INTRA-SERVICE STANDARDIZATION OF AUDIOMETRIC TESTS AND TESTING PROCEDURES. CURRENT STATUS AND RECOMMENDATIONS FOR STANDARDIZATION,
AD-658 725 6E U67 22 HC$ 3.00 MF$ 0.65

AUDITORY ACUITY, ARMY PERSONNEL
EFFECT OF EXPOSURE TO TANK NOISE UPON HEARING ACUITY OF TANK CREWS,
AD-658 629 6E U67 22 HC$ 3.00 MF$ 0.65

AUDITORY PERCEPTION
HUMAN OPERATOR RESPONSE SPEED, FREQUENCY, AND FLEXIBILITY - A REVIEW, ANALYSIS AND DEVICE DEMONSTRATION.
N67-35672 5M S05 21 MC$ 3.00 MF$ 0.65

AURORAE, INSTRUMENTATION
STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES.
AD-658 466 4A U67 22 MC$ 3.00 MF$ 0.65

AUSTRALIA, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS FOR AUSTRALIA.
PB-176 007 4B U67 22 MC$ 3.00 MF$ 0.65

AUTOMATIC CONTROL
SENSITIVITY AND STATE-VARIABLE FEEDBACK.
N67-35917 9L S05 21 MC$ 3.00 MF$ 0.65

AUTOMATIC DATA PROCESSING SYSTEM
STUDY TRIP IN THE USSR.
N67-36083 9B S05 21 MC$ 3.00 MF$ 0.65

AUTOMATED LITERATURE PROCESSING HANDLING AND ANALYSIS SYSTEM - FIRST GENERATION.
N67-36562 5B S05 21 MC$ 3.00 MF$ 0.65

AUTOMATION
AUTOMATION OF A PHILIPS X-RAY SPECTROGRAPH.
N67-35847 14B S05 21 MC$ 3.00 MF$ 0.65

AUTOMATION, RAILROADS
ANALYSIS AND EVALUATION REPORT. COMMUTA-CODE AUTOMATIC FARE COLLECTION EQUIPMENT.
PB-176 097 13F U67 22 MC$ 3.00 MF$ 0.65

AUXILIARY POWER PLANTS, ATMOSPHERE ENTRY
THEORETICAL STUDIES OF THE RE-ENTRY OF PLUTONIUM FUEL.
SC-CR-67-2573 18J N21 19 MC$ 3.00 MF$ 0.65

AUXILIARY POWER PLANTS, RADIOACTIVE ISOTOPES
INVESTIGATION OF THE ABLATION OF SMALL PARTICLES UPON SIMULATED RE-ENTRY.
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AUXILIARY POWER PLANTS, REACTOR FUELS
EXPERIMENTAL INVESTIGATION OF THE THERMOCHEMICAL BEHAVIOR OF SNAP FUEL MATERIAL IN A HYPERTHERMAL WIND TUNNEL.
NAA-SR-12082 18J N21 19 MC$ 3.00 MF$ 0.65

AUXILIARY POWER PLANTS, REACTOR OPERATION
EVALUATION OF SNAP REACTOR DISPOSAL TECHNIQUES.
NAA-SR-12433 18I N21 19 MC$ 3.00 MF$ 0.65

AUXILIARY POWER PLANTS, REACTOR SAFETY SYSTEMS
ANALYSIS OF SNAPTRAN-1 AND -2 REACTOR KINETICS EXPERIMENTS.
NAA-SR-11850 18I N21 19 MC$ 3.00 MF$ 0.65

AUXILIARY POWER PLANTS, SPRINGS
IRRADIATION TEST OF SNAP 8 CANDIDATE SPRING MATERIALS.
NAA-SR-11519 18J N21 19 MC$ 3.00 MF$ 0.65

AUXILIARY POWER PLANTS, TEMPERATURE COEFFICIENT OF REACTIVITY
ANALYSIS OF SNAPTRAN-3 DESTRUCTIVE EXPERIMENT.
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PREPARATION AND CHARACTERIZATION OF SOME CELLULOSE GRAFT COPOLYMERS. PART IV. SOME PROPERTIES OF ISOLATED CELLULOSE ACETATE-STYRENE GRAFT COPOLYMERS,
AD-658 933 11I U67 22

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ISOTHERMAL DEGRADATION OF UNTREATED AND FIRE RETARDANT TREATED CELLULOSE AT 350C,
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CEMENT PERFORMANCE IN CONCRETE.
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CENTAUR AC-6 NOSE FAIRING SEPARATION TESTS.
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X-RAY DIFFRACTOMETRY TECHNIQUES FOR CERAMIC FUELS.
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GAS-COLLECTION TECHNIQUE FOR MEASUREMENT OF FISSION-GAS RETENTION IN IRRADIATED MO-UO2 CERMETS,
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CHARGED PARTICLE ENERGIZATION BY AN ARBITRARILY MOVING MAGNET.
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CHARGED PARTICLES, SOURCES
AN EXTENSION OF THE PATH-LENGTH FORMALISM TO ANISOTROPIC CHARGED-PARTICLE SOURCES.
AD-658 949 20H U67 22

CHEMICAL ANALYSIS
RESEARCH ON GAS CHROMATOGRAPHIC SYSTEMS TO ANALYZE CERTAIN CHEMICAL CONSTITUENTS OF THE SURFACE OF THE MOON PROGRESS REPORT, 1 JAN. - 30 JUN. 1967.
N67-36639 7C S05 21 HC$ 3.00 MF$ 0.65

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ANALYTICAL CHEMISTRY SECTION PROGRESS REPORT, JANUARY 1-DECEMBER 31, 1966,
UCRL-50006-67-1 7D N21 19 HC$ 3.00 MF$ 0.65

CHEMICAL BONDS, THEORY
TOWARD A CHARGE-DENSITY ANALYSES OF THE CHEMICAL BOND THE CHARGE-DENSITY BOND MODEL,
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BIBLIOGRAPHY OF LIESEGANG RINGS (2D. ED.).
NBS-MISC PUB-292 7D U67 22 HC$ 0.40 MF$ 0.65

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RESEARCH AND ADVANCED DEVELOPMENT. VOLUME II - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF ADVANCED RESEARCH AND TECHNOLOGY, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.
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REACTION RATES OF CARBON MONOXIDE WITH HYDROXYL RADICALS AND OXYGEN ATOMS.
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CBE FACTORS MONTHLY SURVEY NO. 17.
AD-658 438 15B U67 22 HC$ 3.00 MF$ 0.65

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BIBLIOGRAPHY ON THE HIGH TEMPERATURE CHEMISTRY AND PHYSICS OF GASES AND PLASMAS.
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US ARMY CHEMICAL INFORMATION AND DATA SYSTEM.
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AD-658 939 6O U67 22

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FIVE-DAY REPEATED INTRAVENOUS ADMINISTRATION - RHESUS MONKEYS,
PB-175 956 6O U67 22 HC$ 3.00 MF$ 0.65

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AN ANNOTATED BIBLIOGRAPHY ON THE CLIMATE OF MONGOLIA,
PB-176 001 4B U67 22 HC$ 3.00 MF$ 0.65

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PB-176 047 4B U67 22 HC$ 3.00 MF$ 0.65

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AN ANNOTATED BIBLIOGRAPHY ON CLOUD INFORMATION AND DATA FOR MAINLAND CHINA,
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ELECTROCHEMICAL REDUCTION OF CHLORINE ON CARBON IN MOLTEN LITHIUM CHLORIDE - POTASSIUM CHLORIDE.
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THE AMMONOLYSIS OF CHLORINE OXIDES AND OF CHLOROXIFLUORIDES. COMPARING CONDUCTIVITY TESTS AN THE HALOGEN AMINES IN VOLATILE SOLUTION.
N67-36663 7B S05 21 HC$ 3.00 MF$ 0.65

CHOLERA, IMMUNITY
IMMUNITY AGAINST EXPERIMENTAL CHOLERA (32121),
AD-658 616 6E U67 22

CHROMIUM COMPOUNDS, COLLOIDS

COAGULATION AND REVERSAL OF CHARGE OF LYOPHOBIC COLLOIDS BY HYDROLYZED METAL IONS. IV. CHROMIUM (III) NITRATE AND PERCHLORATE,
AD-658 799 7D U67 22

CHRONOLOGY
RANGER LAUNCH VEHICLE INTEGRATION SUMMARY,
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CIRCUITS, MICROWAVE EQUIPMENT
DESIGN OF COMPOSITE MAGNETIC CIRCUITS FOR TEMPERATURE STABILIZATION OF MICROWAVE FERRITE DEVICES,
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CIRCULAR CYLINDER
THE INTERACTION OF A LONG DURATION FRIEDLANDER SHAPED BLAST WAVE WITH AN INFINITELY LONG RIGHT CIRCULAR CYLINDER. INCIDENT BLAST WAVE 20.7 PSI, POSITIVE DURATION 50 MS AND A 16 CM DIAMETER CYLINDER,
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A CENSUS OF CIRRUS HEIGHTS AND TEMPERATURES OVER CENTRAL UNITED STATES,
PB-175 991 4B U67 22 HC$ 3.00 MF$ 0.65

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POSTATTACK RECOVERY MANAGEMENT CONCEPTS AND TECHNIQUES FOR MODEL DEVELOPMENT,
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SHELTER MANAGEMENT TEXTBOOK,
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SURFACE CHEMICAL DISPLACEMENT OF WATER AND/OR OIL FROM WEAPONS SUBSTRATES,
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BIBLIOGRAPHY OF CLIMATIC MAPS OF THE ARABIAN PENINSULA,
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BIBLIOGRAPHY OF CLIMATIC MAPS FOR AUSTRALIA,
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PB-176 003 4B U67 22 HC$ 3.00 MF$ 0.65

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PB-176 004 4B U67 22 HC$ 3.00 MF$ 0.65

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PB-176 015 4B U67 22 HC$ 3.00 MF$ 0.65

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BIBLIOGRAPHY OF THE CLIMATE OF TURKEY,
PB-176 048 4B U67 22 HC$ 3.00 MF$ 0.65

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AN ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS OF PEOPLE'S REPUBLIC OF CHINA,
PB-176 047 4B U67 22 HC$ 3.00 MF$ 0.65

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AN ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS ON CUBA,
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CLIMATOLOGY, EIRE
BIBLIOGRAPHY OF CLIMATIC MAPS FOR IRELAND,
PB-176 039 4B U67 22 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, ETHIOPIA
BIBLIOGRAPHY OF CLIMATIC MAPS FOR ETHIOPIA, ERITREA, AND THE SOMALILANDS,
PB-176 030 4B U67 22 HC$ 3.00 MF$ 0.65

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SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR FINLAND,
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BIBLIOGRAPHY ON CLIMATIC MAPS FOR FRANCE,
PB-176 036 4B U67 22 HC$ 3.00 MF$ 0.65

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AN ANNOTATED BIBLIOGRAPHY ON CLIMATIC MAPS OF LIBYA,
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CLIMATOLOGY, MEDITERRANEAN SEA
BIBLIOGRAPHY OF CLIMATIC MAPS EASTERN MEDITERRANEAN,
PB-176 042 4B U67 22 HC$ 3.00 MF$ 0.65

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BIBLIOGRAPHY OF CLIMATIC MAPS OF MOROCCO,
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AN ANNOTATED BIBLIOGRAPHY ON CLIMATIC MAPS OF THE NETHERLANDS,
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PB-176 037 4B U67 22 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, SWEDEN
AN ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS OF SWEDEN,
PB-176 046 4B U67 22 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, USSR
CLIMATOLOGICAL ASPECTS OF THE VIRGIN SOIL PROJECT IN THE U. S. S. R.,
PB-176 045 4B U67 22 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, VIETNAM
BIBLIOGRAPHY OF CLIMATIC MAPS OF INDOCHINA,
PB-176 031 4B U67 22 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, WEST GERMANY
BIBLIOGRAPHY OF CLIMATIC MAPS OF GERMANY,
PB-176 040 4B U67 22 HC$ 3.00 MF$ 0.65

CLOUD COVER, BIBLIOGRAPHIES
AN ANNOTATED BIBLIOGRAPHY ON CLOUD INFORMATION AND DATA FOR MAINLAND CHINA,
PB-176 043 4B U67 22 HC$ 3.00 MF$ 0.65

CLOUDS, ATMOSPHERIC PRECIPITATION
ON THE CONTINUITY OF WATER SUBSTANCE,
PB-175 840 4B U67 22 HC$ 3.00 MF$ 0.65

CLOUDS, LIGHT
INFLUENCE OF SINGLE SCATTERING ALBEDO ON REFLECTED AND TRANSMITTED LIGHT FROM CLOUDS,
AD-658 830 4A U67 22 HC$ 3.00 MF$ 0.65

COAGULATION, COLLOIDS
COAGULATION AND REVERSAL OF CHARGE OF LYOPHOBIC COLLOIDS BY HYDROLYZED METAL IONS. IV. CHROMIUM (III) NITRATE AND PERCHLORATE,
AD-658 799 7D U67 22

COAXIAL CABLE
INPUT ADMITTANCE OF A COAXIAL TRANSMISSION LINE OPENING ONTO A FLAT, DIELECTRIC- COVERED GROUND PLANE,
N67-35734 9F S0S 21 HC$ 3.00 MF$ 0.65

COBALT COMPOUNDS, COMPLEX COMPOUNDS
ORGANOMETALLIC SULFUR COMPLEXES. IX. STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX, (SCO3(CO)7)2S2, CONTAINING A TETRAMETAL-COORDINATED BRIDGING DISULFIDE GROUP,
AD-658 961 7B U67 22

COBALT COMPOUNDS, ELECTRON TRANSITIONS
FIRST-ORDER LOCALIZED-ELECTRON = COLLECTIVE-ELECTRON TRANSITION IN LACOO.
AD-658 906 20L U67 22

COBALT, RADIOACTIVE ISOTOPES
DEVELOPMENT OF 60 CO CAPSULES FOR HEAT SOURCES,
UR-1096 18B N21 19 HC$ 3.00 MF$ 0.65

COCKPITS, SYSTEMS ENGINEERING
INTEGRATED COCKPIT RESEARCH PROGRAM. APPENDIX I.
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INTEGRATED COCKPIT RESEARCH PROGRAM. APPENDIX II.
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CODING, SPEECH
SYLLABLE CODEX COMMUNICATION SYSTEM.
AD-658 530 17B U67 22 HC$ 3.00 MF$ 0.65

COHERENT RADIATION, FIELD THEORY
CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. I. DYNAMICAL EQUATIONS AND CONSERVATION LAWS,
AD-658 791 20J U67 22

COHERENT RADIATION, QUANTUM MECHANICS
CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. II. STATIONARY FIELDS AND THEIR SPECTRAL PROPERTIES,
AD-658 931 20J U67 22

COLLOIDS, COAGULATION
COAGULATION AND REVERSAL OF CHARGE OF LYOPHOBIC COLLOIDS BY HYDROLYZED METAL IONS. IV. CHROMIUM (III) NITRATE AND PERCHLORATE,
AD-658 799 7D U67 22

COLOR CENTERS, PARAMAGNETIC RESONANCE
ELECTRON PARAMAGNETIC RESONANCE OF CERTAIN COLOR CENTERS IN ALKALI-HALIDE CRYSTALS,
AD-658 649 20L U67 22 HC$ 3.00 MF$ 0.65

COLOR PHOTOGRAPHY
THE APPLICATION OF LIQUID CRYSTALS FOR THERMOGRAPHIC TESTING OF BONDED STRUCTURES.
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MECHANISM OF COLOR DISCRIMINATION A BEHAVIORAL ANALYSIS.
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COLOR VISION, ELECTROPHYSIOLOGY
ELECTROPHYSIOLOGICAL STUDY OF THE MECHANISMS SUBSERVING COLOR CODING IN THE FISH RETINA,
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COLORIMETRY
COMPARATIVE LUNAR-TERRESTRIAL COLORIMETRY.
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COMBAT INFORMATION CENTERS, EFFECTIVENESS
A PARAMETRIC APPROACH TO THE EVALUATION OF MILITARY INFORMATION SYSTEMS,
AD-658 737 15G U67 22 HC$ 3.00 MF$ 0.65

COMBUSTION CHAMBER
EXPERIMENTAL EVALUATION OF SIX ABLATIVE-MATERIAL THRUST CHAMBERS AS COMPONENTS OF STORABLE-PROPELLANT ROCKET ENGINES.
N67-35774 21H S05 21 HC$ 3.00 MF$ 0.65

COMBUSTION, REACTION KINETICS
EXPERIMENTAL AND ANALYTICAL STUDY OF THE H2-AIR REACTION KINETICS USING A STANDING-WAVE NORMAL SHOCK.
AD-658 434 21B U67 22 HC$ 3.00 MF$ 0.65

COMET
DESCRIPTION OF SCIENTIFIC SOUNDING-ROCKET PROJECT S-18.
N67-35932 4A S05 21 HC$ 3.00 MF$ 0.65

COMMAND + CONTROL SYSTEMS, AIR FORCE TRAINING
OPERATIONAL SPECIFICATION FOR EXERCISE AND EVALUATION CAPABILITY,
AD-658 436 9B U67 22 HC$ 3.00 MF$ 0.65

COMMERCE, PLASTICS
THE MARKET FOR PLASTICS PRODUCTION EQUIPMENT, RAW MATERIALS AND SEMI-FINISHED PRODUCTS IN ITALY.
PB-176 095 11I U67 22 HC$ 3.00 MF$ 0.65

COMMUNICATION SATELLITES(ACTIVE), MULTIPATH TRANSMISSION
MEASUREMENT OF MULTIPATH EFFECTS IN A SATELLITE-AIRCRAFT UHF LINK,
AD-658 917 22B U67 22

COMMUNICATION SYSTEM
ESFK 20-100 WATT S-BAND AMPLIFIER.
N67-35999 9A S05 21 HC$ 3.00 MF$ 0.65

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N67-36101 22B S05 21 HC$ 3.00 MF$ 0.65

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COMMUNICATION SYSTEMS, DICTIONARIES
SIGNAL GLOSSARY. ENGLISH-VIETNAMESE, VIETNAMESE-ENGLISH. FIRST EDITION (TU DIEN TRUYEN TIN. ANH-VIET, VIET-ANH. XUAT BAN LAN THU NHAT.).
AD-658 663 5B U67 22 HC$ 3.00 MF$ 0.65

COMMUNICATION SYSTEMS, ELECTRIC CURRENTS
CONDUCTION CURRENT SIGNALING THROUGH SEA WATER AND WET SAND.
AD-658 966 17B U67 22 HC$ 3.00 MF$ 0.65

COMMUNICATION SYSTEMS, MANAGEMENT PLANNING
COMMUNICATIONS OR TRANSPORT DECISION-MAKING IN DEVELOPING COUNTRIES,
AD-658 816 17B U67 22 HC$ 3.00 MF$ 0.65

COMMUNICATION SYSTEMS, SPEECH
CYBERNETICS AND SPEECH COMMUNICATIONS A SURVEY OF RUSSIAN LITERATURE.
AD-658 943 17B U67 22

COMMUNICATIONS SATELLITE
LUNAR FAR-SIDE COMMUNICATION SATELLITES.
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TECHNICAL STUDY - FACTORS AFFECTING THE DESIGN OF EXPERIMENTAL SYSTEMS FOR TELEVISION DISTRIBUTION BY SATELLITES, PART I, VOLUME II.
N67-36664 17B S05 21 HC$ 3.00 MF$ 0.65

COMMUNISM, CHINA
THE CURRENT AND THE PAST OF LIN PIAO,
AD-658 493 5D U67 22 HC$ 3.00 MF$ 0.65

COMPILERS, DIGITAL COMPUTERS
LISP 2 COMPILER CONTEXT RESOLVER LANGUAGE AND PROCESSOR SPECIFICATIONS.
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COMPLEX COMPOUNDS, METALORGANIC COMPOUNDS
ORGANOMETALLIC SULFUR COMPLEXES. VIII. THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM(V), (C5H5MO)2S2, CONTAINING A MO-MO INTERACTION,
AD-658 798 7B U67 22

ORGANOMETALLIC SULFUR COMPLEXES. IX. STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX, (SCO3(CO)7)2S2. CONTAINING A TETRAMETAL-COORDINATED BRIDGING DISULFIDE GROUP,
AD-658 961 7B U67 22

COMPLEX COMPOUNDS, NICKEL COMPOUNDS
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL(II) CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(3-DIMETHYLARSINOPROPYL)PHOSPHINE,
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CEMENT PERFORMANCE IN CONCRETE.
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EFFECTS OF DOSE AND OF PARTIAL-BODY EXPOSURE ON CONDITIONING THROUGH A RADIATION-INDUCED HUMORAL FACTOR,
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ELECTROLYTIC CONDUCTANCE OF SEA WATER AND THE SALINOMETER. AN ADDENUM TO THE REVIEW,
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FLAT CONDUCTOR CABLE MANUFACTURE AND INSTALLATION TECHNIQUES.
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COMBUSTIBILITY TESTS ON SEVERAL FLAME-RESISTANT FABRICS IN COMPRESSED AIR, OXYGEN-ENRICHED AIR, AND PURE OXYGEN,
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TURBULENT BOUNDARY LAYER ON A YAWED CONE IN A SUPERSONIC STREAM.
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CONSTRUCTION AGGREGATE AVAILABILITY STUDY. SUMMARY REPORT HIGHWAY DISTRICT IV,
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CONSUMPTION COOPERATION IN RURAL AREAS IN THE USSR A COMMENT,
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AN EXTENSION OF PONTRYAGIN'S MAXIMUM PRINCIPLE.
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NONLINEAR FILTERING THE EXACT DYNAMICAL EQUATIONS SATISFIED BY THE CONDITIONAL MODE.
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CONTROL SYSTEMS, SAMPLERS
A TAPE PROGRAMMED SEQUENTIAL SAMPLER,
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GOLD-CHLORINE AND GOLD-BROMINE EQUILIBRIA IN MOLTEN ALKALI HALIDES.
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DEPTHS AND TEMPERATURES OF CONTINENTAL CONVECTIVE CLOUDS AT THE TIME OF INITIAL PRECIPITATION ECHO.
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A BOUNDARY-LAYER THEORY FOR CELLULAR CONVECTION.
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HEAT TRANSFER IN 30 DEG AND 60 DEG HALF-ANGLE OF CONVERGENCE NOZZLES WITH VARIOUS DIAMETER UNCOOLED PIPE INLETS.
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SHAKEDOWN INTERACTION CURVE FOR A CIRCULAR ARCH,
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ALIGNMENT OF INERTIAL SYSTEMS ON A MOVING BASE.
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PREPARATION AND CHARACTERIZATION OF SOME CELLULOSE GRAFT COPOLYMERS. PART IV. SOME PROPERTIES OF ISOLATED CELLULOSE ACETATE-STYRENE GRAFT COPOLYMERS,
AD-658 933 11I U67 22

COPOLYMERIZATION, STYRENE PLASTICS
THE PREPARATION AND PROPERTIES OF WELL-DEFINED GRAFT COPOLYMERS.
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CORDAGE, LOADING(MECHANICS)
MECHANICS OF RAISING AND LOWERING HEAVY LOADS IN THE OCEAN EXPERIMENTAL RESULTS.
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CONCLUSIONS CONCERNING THE GENERAL MAGNETIC FIELD OF THE SUN.
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CROSSCORRELATION OF A MAXIMAL LENGTH BINARY SEQUENCE AND ITS SUBSEQUENCES.
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PROPERTIES OF SEVERAL STRUCTURAL U-MO-CB-V-TI ALLOYS.
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THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
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DESIGN FOR ORIENTATION BALLOON-BORNE EQUIPMENT,
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A SEARCH FOR MASSIVE PARTICLES IN COSMIC RAYS.
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COST-EFFECTIVENESS ANALYSIS FOR THE FIRE SERVICE AN OVERVIEW.
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TECHNICAL AND COST FACTORS THAT EFFECT TELEVISION RECEPTION FROM A SYCHRONOUS SATELLITE FINAL REPORT.
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POSTATTACK RECOVERY MANAGEMENT CONCEPTS AND TECHNIQUES FOR MODEL DEVELOPMENT,
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SMOOTH WATER RESISTANCE OF A NUMBER OF PLANING BOAT DESIGNS.
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PREDICTION OF CREEP IN STRUCTURAL CONCRETE.
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CREEP, STRESSES
CREEP STRESS CONCENTRATION OF A CIRCULAR HOLE IN AN INFINITE PLATE,
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COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED- FIELD ELECTRON BEAMS.
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LOW TEMPERATURE CATHODES FOR CROSSED-FIELD DEVICES.
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THERMAL PROTECTION SYSTEM FOR A CRYOGENIC SPACECRAFT PROPULSION MODULE, VOLUME II FINAL REPORT.
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CRYOGENICS, EXPERIMENTAL DESIGN
EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE.
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THE SINGLE-ENGINE CLAUDE CYCLE AS A 4.2K REFRIGERATOR.
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DESIGN TECHNIQUES FOR VHF WIDE-BAND CRYSTAL FILTERS.
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R.N.E. NEWSLETTER AND RESEARCH REVIEW.
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SINGLE CRYSTAL PEROVSKITES AS ELECTROOPTICALLY ACTIVE MATERIALS.
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CRYSTAL LATTICE DEFECTS, INTERACTIONS
QUANTUM KINETIC EQUATIONS FOR ELECTRONS IN RANDOM IMPURITIES,
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CRYSTAL LATTICES, MAGNETISM
HIGH-TEMPERATURE EXPANSIONS FOR THE CLASSICAL HEISENBERG MODEL. I. SPIN CORRELATION FUNCTION.
AD-658 762 20C U67 22

HIGH-TEMPERATURE EXPANSIONS FOR THE CLASSICAL HEISENBERG MODEL. II. ZERO-FIELD SUSCEPTIBILITY.
AD-658 766 20C U67 22

CRYSTAL OSCILLATORS, QUARTZ
QUARTZ FREQUENCY STANDARDS.
AD-658 936 9A U67 22

CRYSTAL STRUCTURE, CRYSTALLOGRAPHY
STANDARD X-RAY DIFFRACTION POWDER PATTERNS,
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CRYSTAL STRUCTURE, FERRITES
NON-CENTROSYMMETRIC STRUCTURES IN AN M4YN HEXAGONAL FERRITE SERIES,
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CRYSTAL STRUCTURE, POLYESTER PLASTICS
POLE-FIGURE INVERSION FOR THE TRICLINIC CRYSTAL CLASS. POLYETHYLENE TEREPHTHALATE,
AD-658 802 20B U67 22

CRYSTALLOGRAPHY, CRYSTAL STRUCTURE
STANDARD X-RAY DIFFRACTION POWDER PATTERNS,
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AN ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS ON CUBA,
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THE PROCESS OF CROSS-CULTURAL INNOVATION,
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CYBERNETICS AND SPEECH COMMUNICATIONS A SURVEY OF RUSSIAN LITERATURE.
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CYBERNETICS, USSR

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CYCLOPROPANONES. VI. REACTION OF CYCLOPROPANONE WITH AMINES,
AD-659 017 7C U67 22

CYCLOTRON RESONANCE PHENOMENA, DISPERSION RELATIONS
POWER TRANSFER TO FINITE PLASMAS NEAR THE LOWER HYBRID RESONANCE.
AD-658 779 20I U67 22

CYCLOTRON RESONANCE PHENOMENA, INDIUM ANTIMONIDES
POLARON EFFECTS IN THE CYCLOTRON-RESONANCE ABSORPTION OF INSB,
AD-658 789 20L U67 22

CYCLOTRON WAVES, PROPAGATION
DESCRIPTION OF AXISYMMETRIC WAVE PROPAGATION IN A UNIFORM, FINITE, SOLID ELECTRON BEAM.
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EXPERIMENTS ON LARGE GAS BUBBLES IN LIQUIDS.
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ON THE THEORETICAL RELATIONSHIP BETWEEN FLOW STRESS AND LARGE NATURAL STRAINS IN TENSILE TESTS ON STEEL CYLINDERS,
AD-658 807 20K U67 22

CYLINDRICAL BODIES, THERMAL CONDUCTIVITY
GRAPHICAL PRESENTATION OF DIFFERENCE SOLUTIONS FOR TRANSIENT RADIAL HEAT CONDUCTION IN HOLLOW CYLINDERS WITH HEAT TRANSFER AT THE INNER RADIUS AND FINITE SLABS WITH HEAT TRANSFER AT ONE BOUNDARY.
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CYPRUS, CLIMATOLOGY
BIBLIOGRAPHY ON THE CLIMATE OF CYPRUS,
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OPLE EXPERIMENT.
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AUTOMATED LITERATURE PROCESSING HANDLING AND ANALYSIS SYSTEM - FIRST GENERATION.
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US ARMY CHEMICAL INFORMATION AND DATA SYSTEM.
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STUDY OF HIGH PACKING DENSITY/HIGH TRANSFER RATE ENCODER/DECODER.
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DEVELOPMENT OF COMPUTER AIDS FOR TAPE-CONTROL OF PHOTOCOMPOSING MACHINES. REPORT NO. 2. EXTENSION OF THE SYSTEM OF PREPARING A COMPUTER-PROCESSED TAPE TO INCLUDE THE SETTING OF MULTIPLE LINE EQUATIONS.
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A DIGITAL AIRBORNE METEOROLOGICAL DATA COLLECTION SYSTEM,
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STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT-ARITHMETIC TASK DONALD + GERALD = ROBERT,
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PULSE CODE INFORMATION RECEIVER,
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GENERAL RESEARCH.
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THE SDC TIME-SHARING SYSTEM REVISITED.
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LISP 2 INTERNAL STORAGE CONVENTIONS.
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PROPERTIES OF CELLULAR ARRAYS FOR LOGIC AND STORAGE,
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STUDY OF HIGH PACKING DENSITY/HIGH TRANSFER RATE ENCODER/DECODER.
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LISP 2 GARBAGE COLLECTOR SPECIFICATIONS.
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A GRAPH DECOMPOSITION TECHNIQUE FOR STRUCTURING DATA.
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ERROR PERFORMANCE OF DIFFERENTIAL PHASE SHIFT TRANSMISSION OVER A TELEPHONE LINE.
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DECISION MAKING, MANAGEMENT PLANNING
PARALLEL AND SEQUENTIAL STRATEGIES FOR R AND D PROJECTS.
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AN INFORMATION PROCESSING THEORY OF HUMAN DECISION MAKING UNDER UNCERTAINTY AND RISK,
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DECISION MAKING, RECALL
DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R. PETERSON AND CHARLES N. COFER,
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DECISION MAKING, TRANSPORTATION
COMMUNICATIONS OR TRANSPORT DECISION-MAKING IN DEVELOPING COUNTRIES,
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DECISION THEORY, OPTIMIZATION
ANOTHER OPTIMAL STOPPING PROBLEM,
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DEEP SPACE
STUDY AND APPLICATIONS OF RETRODIRECTIVE AND SELF-ADAPTIVE ELECTROMAGNETIC WAVE CONTROLS TO A MARS PROBE QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N67-35372 17B S05 21 HC$ 3.00 MF$ 0.65

DEEP SPACE INSTRUMENTATION FACILITY (DSIF)
SPACE PROGRAMS SUMMARY NO. 37-30, VOLUME VI FOR THE PERIOD SEPTEMBER 1, 1964 TO OCTOBER 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
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DEEP SPACE NETWORK (DSN)
SPACE PROGRAMS SUMMARY NO. 37-29, VOLUME VI FOR THE PERIOD JULY 1, 1964 TO AUGUST 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-36100 22B S05 21 HC$ 3.00 MF$ 0.65

DEFORMATION
BASIC TYPES OF DEFORMATION MICRO-CONTOURS APPEARING ON THE SURFACE OF COMMERCIAL IRON TEST-PIECES DURING FATIGUE TESTING UNDER HEATING IN VACUO.
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DELAY LINES, ITERATIVE METHODS
TIME-DOMAIN APPROXIMATION BY ITERATIVE METHODS.
AD-658 810 9A U67 22

DENSITY MEASUREMENT
RECENT RESULTS IN THE ATMOSPHERIC REGION ABOVE 200 KM AND COMPARISONS WITH CIRA 1965.
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SOME COMMENTS ON SYSTEMS ANALYSIS,
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DESALINATION, SEA WATER
ENGLISH TRANSLATIONS OF USSR TECHNICAL PUBLICATIONS ON DESALINATION OF WATER, 1966.
AEC-TR-6885 7A N21 19 HC$ 3.00 MF$ 0.65

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AN APPROXIMATE ANALYTICAL METHOD FOR STUDYING ENTRY INTO PLANETARY ATMOSPHERES.
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PHOTODESORPTION OF OXYGEN FROM NICKEL OXIDE POWDER.
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ANALYSIS OF A 'SEISMIC FENCE' FOR INTRUSION DETECTION (EXPERIMENTAL AND THEORETICAL RESULTS).
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DETECTOR
FEASIBILITY STUDY FOR A HYDROGEN GAS LEAK DETECTION SYSTEM AS REQUIRED FOR USE ON INFLIGHT EXPERIMENTS FINAL REPORT, 1 JUL. 1966 - 25 JAN. 1967.
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DETONATIONS, EQUATIONS OF STATE
FORTRAN BKW A CODE FOR COMPUTING THE DETONATION PROPERTIES OF EXPLOSIVES,
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IMMUNOGENIC RESPONSE OF THE VENOMS OF FER-DE-LANCE (BOTHROPS ATROX ASPER) AND LACASCABELLA (CROTALUS DURISSUS DURISSUS) FOLLOWING PHOTOOXIDATIVE DETOXIFICATION.
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DEUTERIUM, GAS IONIZATION
DISSOCIATIVE IONIZATION OF H2 AND D2.
AD-658 804 7D U67 22

DEUTERIUM, SCATTERING
SCATTERING OF HIGH-VELOCITY NEUTRAL PARTICLES. XV. HE-H2.
AD-658 758 7D U67 22

ALMOST 'HEAD-ON' COLLISIONS IN THE SCATTERING OF FAST ARGON ATOMS BY HYDROGEN ISOTOPES.
AD-658 759 7D U67 22

DEUTERON
DIFFERENTIAL CROSS SECTIONS FOR (D, ALPHA) REACTION ON SCANDIUM 45.
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RESISTANCE TO INJURY IN INSECT CELLS DURING DIAPAUSE.
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ABSOLUTE TEMPERATURE MEASUREMENT AT MICROWAVE FREQUENCIES.
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SIGNAL GLOSSARY. ENGLISH-VIETNAMESE, VIETNAMESE-ENGLISH. FIRST EDITION (TU DIEN TRUYEN TIN. ANH-VIET, VIET-ANH. XUAT BAN LAN THU NHAT.).
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DIELECTRIC STRENGTH OF RIGID URETHANE FOAM.
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SCATTERING FROM LOW-DENSITY DIELECTRIC BODIES.
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DIELECTRICS
DIELECTRIC STRENGTH OF RIGID URETHANE FOAM.
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DIFFERENTIAL EQUATIONS, DIFFERENTIAL GEOMETRY
GEOMETRIC THEORY OF FUNCTIONAL-DIFFERENTIAL EQUATIONS,
AD-659 007 12A U67 22

DIFFERENTIAL EQUATIONS, THEORY
QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS AND STRUCTURAL STABILITY,
AD-659 006 12A U67 22

DIFFERENTIAL GEOMETRY, DIFFERENTIAL EQUATIONS
GEOMETRIC THEORY OF FUNCTIONAL-DIFFERENTIAL EQUATIONS,
AD-659 007 12A U67 22

DIFFERENTIAL THERMAL ANALYSIS (DTA)
THE APPLICATION OF LIQUID CRYSTALS FOR THERMOGRAPHIC TESTING OF BONDED STRUCTURES.
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EXPERIMENTAL TECHNIQUES WITH GENERAL APPLICABILITY FOR THE STUDY OF MAGNETIC PHENOMENA.
AD-658 786 20C U67 22

DIFFRACTION
NUMERICAL RESULTS FOR THE DIFFRACTION OF A NORMAL SHOCK WAVE BY A SPHERE AND FOR THE SUBSEQUENT TRANSIENT FLOW.
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X-RAY DIFFRACTOMETRY TECHNIQUES FOR CERAMIC FUELS.
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ESTIMATES OF LOCAL AND AVERAGE FUEL TEMPERATURES IN A GASEOUS NUCLEAR ROCKET ENGINE.
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RAPID (REACTOR AND PLANT INTEGRATED DYNAMICS) COMPUTER PROGRAM.
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LISP 2 INTERNAL STORAGE CONVENTIONS.
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USE OF COMPUTERS IN ANALYSIS OF EXPERIMENTAL DATA AND THE CONTROL OF NUCLEAR FACILITIES.
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LISP 2 COMPILER CONTEXT RESOLVER LANGUAGE AND PROCESSOR SPECIFICATIONS.
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LISP 2 DOCUMENT CONVENTIONS.
AD-658 420 9B U67 22 HC$ 3.00 MF$ 0.65

LISP 2 LANGUAGE SPECIFICATIONS.
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DIGITAL COMPUTER SIMULATION MODELING CONCEPTS.
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SPECIAL PROBLEMS IN THE ESTIMATION OF BEARING.
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THE CONSTRUCTION AND GENERAL PROPERTIES OF A BRUSH CATHODE DISCHARGE.
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DYNAMICAL BEHAVIOR OF DISLOCATIONS,
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EXPERIMENTS IN DISPLAY EVALUATION.
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THE DEVELOPMENT OF SPECIFICATIONS OF A STANDARD DISPLAY BOARD FOR ARMY FIELD FORCES.
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DISPLAY SYSTEMS, WAVEFORM GENERATORS
CONIC DISPLAY GENERATOR USING MULTIPLYING DIGITAL-ANALOG CONVERTERS.
AD-658 796 9B U67 22

DISTORTION, CAMERA LENSES
DETERMINATION OF THE DISTORTION AND THE FOCAL LENGTH FOR THE OBJECTIVE-LENS OF THE CAMERA NAFA-3C/25 AND A CAMERA WITH A MOVING FILM.
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ON THE SUMS OF INDEPENDENTLY DISTRIBUTED PARETO VARIATES.
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ELECTROMAGNETIC GUIDANCE STUDY.
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ESTABLISHMENT OF A STINFO PROGRAM FOR THE AIR FORCE AERO PROPULSION LABORATORY.
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PRESSURE STABILITY OF PROLATE SPHEROIDS.
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AN EXPERIMENTAL EVALUATION OF VARIOUS GAMMA DOSIMETRY SYSTEMS.
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DEVELOPMENT OF A SEMIRAD DETECTION SYSTEM FOR HIGH-INTENSITY NEUTRON RADIATION.
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AMC A MONTE CARLO CODE UTILIZING THE ALBEDO APPROACH FOR

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SIMULATION AND ANALYSIS OF OPTIMAL SELF-PACED SECOND ORDER CONTROL SYSTEMS.
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REPORTS AND TRANSACTIONS, VOLUME XXXII.
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THE EXPERIMENTAL DETERMINATION OF THE RUDDER FORCES AND RUDDER TORQUE OF A MARINER CLASS SHIP MODEL,
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DEVELOPMENT OF EAR PROTECTOR, ELECTROACOUSTIC, MX-7307 (1/UIC.
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EAR PROTECTORS, EFFICIENCY
TEST OF ACOUSTI-GUARD (EAR PROTECTIVE DEVICE).
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COUPLERS FOR CALIBRATION OF EARPHONES,
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ORBITAL REGRESSION OF SYNCHRONOUS SATELLITES DUE TO THE COMBINED GRAVITATIONAL EFFECTS OF THE SUN, THE MOON AND THE OBLATE EARTH.
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SUPPLEMENTARY BIBLIOGRAPHY ON THE CLIMATE OF GERMANY 1950-1957,
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BIBLIOGRAPHY OF CLIMATIC MAPS OF GERMANY,
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A SAFETY TEST FOR EASTERN EQUINE ENCEPHALOMYELITIS VACCINE,
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CONSUMPTION COOPERATION IN RURAL AREAS IN THE USSR A COMMENT,
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A DYNAMIC INPUT-OUTPUT MODEL OF THE CALIFORNIA EDUCATIONAL SYSTEM.
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THE 'VALUE OF THE GAME' AS A TOOL IN THEORETICAL ECONOMICS,
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MASTER DEVELOPMENT PLAN. PLYMOUTH INDUSTRIAL PARK, PLYMOUTH, MASSACHUSETTS.
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ECONOMICS, NORTH CAROLINA
FIRST ANNUAL REPORT OF THE EAST CAROLINA UNIVERSITY REGIONAL DEVELOPMENT INSTITUTE JUNE 1, 1966 -- MAY 31, 1967.
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ECONOMIC ANALYSIS OF THE SHORT-HAUL TRANSPORT.
AD-658 743 1C U67 22 HC$ 3.00 MF$ 0.65

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PLANE-STRESS ANALYSIS OF AN EDGE-STIFFENED RECTANGULAR PLATE SUBJECTED TO BOUNDARY LOADS, BOUNDARY DISPLACEMENTS, AND TEMPERATURE GRADIENTS.
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APPLICATIONS OF COMPUTERS IN EDUCATION.
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EDUCATIONAL AND TRAINING MEDIA A SYMPOSIUM,
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ROUNDING ERROR BOUNDS BY PERTURBATION- CONDITION ANALYSIS.
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N67-35911 4A S05 21 HC$ 3.00 MF$ 0.65

EIRE, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS FOR IRELAND,
PB-176 039 4D U67 22 HC$ 3.00 MF$ 0.65

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AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING,
AD-658 922 20H U67 22

ELASTIC SCATTERING, APPROXIMATION(MATHEMATICS)
ANALYSIS OF ELASTIC-SCATTERING DATA IN THE SEMICLASSICAL APPROXIMATION,
AD-658 916 7D U67 22

ELASTIC SCATTERING, ARGON
ALMOST 'HEAD-ON' COLLISIONS IN THE SCATTERING OF FAST ARGON ATOMS BY HYDROGEN ISOTOPES.
AD-658 759 7D U67 22

ELASTIC SCATTERING, HELIUM
OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF 3HE BY 4HE,
AD-658 666 20H U67 22

ELASTIC STABILITY
PRESSURE STABILITY OF PROLATE SPHEROIDS.
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THREE-DIMENSIONAL ELASTICITY THEORY FOR FLAT-PLATE MEMORY ELEMENTS SUBJECTED TO SPACE-VARIABLE NORMAL TRACTION.
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TENSILE STRENGTH OF RUBBERS.
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STUDY OF ORBITAL GUIDANCE.
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SPIN-UP SYSTEM. BOOST PHASE DISPERSIONS.
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THERMAL STUDY OF SATELLITE.
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COOLED CATHODE FOR STABILIZATION OF THE DC ARC,
AD-658 950 14B U67 22

ELECTRIC CONDUCTIVITY
EXACT SEMICLASSICAL THEORY FOR GALVANOMAGNETIC EFFECTS IN METALS.
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LIGHT SOURCES FOR REMOTE SENSING SYSTEMS.
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ELECTRIC ARC DISCHARGES IN TRANSVERSE MAGNETIC FIELDS. PART I,
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ELECTRIC FIELDS, SOLUTIONS
ELECTRIC FIELD EFFECT ON THE CRITICAL OPALESCENCE. II. RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS,
AD-658 959 7D U67 22

ELECTRIC FILTERS, CORRELATORS
SELF-TUNING SYNCHRONOUS FILTER,

AD-658 611 9E U67 22 HC$ 3.00 MF$ 0.65

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EFFECTS OF PARAMETER QUANTIZATION ON THE POLES OF A DIGITAL FILTER,
AD-658 704 9E U67 22

ELECTRIC FILTERS, OPTIMIZATION
SERIES APPROXIMATIONS FOR OPTIMUM ZNL FILTERS,
AD-658 910 9D U67 22

ELECTRIC INSULATION, QUANTITATIVE ANALYSIS
INFRARED AND GAS CHROMATOGRAPHIC STUDIES OF MAGNET-WIRE ENAMELS.
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HIGH-ACCURACY SPEED CONTROLLER USING PULSE COUNTING METHODS.
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ELECTRICAL POWER DISTRIBUTION AT 400HZ TO TACTICAL GROUND UNITS.
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ELECTRIC PROPULSION, RAILROADS
DEMONSTRATION REPORT COVERING 1000 VOLT D.C. CHOPPER CONTROL SYSTEM WITH TYPE 1459 MOTORS AND 4160 VOLT - 3 PHASE - 60 CYCLES A.C. VARITRAN CONTROL SYSTEM WITH TYPE 1459-T TANDEM MOTOR UNITS.
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A-C PROPULSION SYSTEM FOR BARTD RAIL CAR APPLICATION.
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ELECTRICAL CONDUCTANCE, QUANTUM STATISTICS
QUANTUM KINETIC EQUATIONS FOR ELECTRONS IN RANDOM IMPURITIES,
AD-658 989 20L U67 22

ELECTRICAL EQUIPMENT, MAINTENANCE
ELECTRIC, ELECTRONIC FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-176 052 9C U67 22 HC$ 3.00 MF$ 0.65

ELECTROCHEMISTRY
ELECTROCHEMICAL REDUCTION OF CHLORINE ON CARBON IN MOLTEN LITHIUM CHLORIDE - POTASSIUM CHLORIDE.
N67-35982 7D S05 21 HC$ 3.00 MF$ 0.65

ELECTRODEPOSITION, FILMS
CLOSED TUBE APPARATUS FOR THE DEPOSITION OF SILICON OXIDE.
AD-658 951 13H U67 22

ELECTRODES, FUEL CELLS
REVERSIBLE OXYGEN ELECTRODES.
AD-482 902 10B U67 22 HC$ 3.00 MF$ 0.65

AD-489 312 10B U67 22 HC$ 3.00 MF$ 0.65

AD-803 439 10B U67 22 HC$ 3.00 MF$ 0.65

AD-810 816 10B U67 22 HC$ 3.00 MF$ 0.65

AD-814 722 10B U67 22 HC$ 3.00 MF$ 0.65

ELECTROEROSIVE MACHINING, VELOCITY
INCREASING ELECTROCHEMICAL MACHINING RATES.
AD-659 084 13H U67 22 HC$ 3.00 MF$ 0.65

ELECTROMAGNETIC FIELDS, QUANTUM MECHANICS
CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. II. STATIONARY FIELDS AND THEIR SPECTRAL PROPERTIES,
AD-658 931 20J U67 22

ELECTROMAGNETIC INSTRUMENT
ELECTROMAGNETIC GUIDANCE STUDY.
N67-35568 22B S05 21 HC$ 3.00 MF$ 0.65

ELECTROMAGNETIC PROPAGATION
INPUT ADMITTANCE OF A COAXIAL TRANSMISSION LINE OPENING ONTO A FLAT, DIELECTRIC- COVERED GROUND PLANE.
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ELECTROMAGNETIC RADIATION
THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
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ELECTROMAGNETIC SCATTERING
ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES.
N67-36604 20N S05 21 HC$ 3.00 MF$ 0.65

ELECTROMAGNETIC SHIELDING, PLASMA MEDIUM
RF-INDUCED PLASMA SHIELD PROPAGATION IN RARE GASES,
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ELECTRON ACCELERATORS, DESIGN
STATITRON A LOW-ENERGY PULSED ELECTRON ACCELERATOR,
UCRL-50215 20G N21 19 HC$ 3.00 MF$ 0.65

ELECTRON ACCELERATORS, INSTRUMENTATION
INSTRUMENTATION AND CONTROLS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING SEPTEMBER 1, 1966.
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ELECTRON ACCELERATORS, LINEAR ACCELERATORS
SUMMARIES OF RESEARCH IN HIGH ENERGY PHYSICS.
TID-4005-PT-6-REV 18D N21 19 HC$ 3.00 MF$ 0.65

ELECTRON BEAM
COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED- FIELD ELECTRON BEAMS.
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ELECTRON BEAM WELDING
JOINING REFRACTORY/AUSTENITIC BIMETAL TUBING FINAL TECHNICAL REPORT, APR. 1965 - OCT. 1966.
N67-36029 13H S05 21 HC$ 3.00 MF$ 0.65

ELECTRON BEAMS, MAGNETIC FIELDS
MAGNETIC COMPRESSION OF ELECTRON BEAMS.
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ELECTRON CAPTURE, PROBABILITY
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE.
AD-658 445 20J U67 22 HC$ 3.00 MF$ 0.65

ELECTRON DENSITY
TOTAL ELECTRON CONTENT MEASUREMENTS BY DIFFERENTIAL FARADAY ROTATION METHOD AT LOW LATITUDES.
N67-36195 4A S05 21 HC$ 3.00 MF$ 0.65

ELECTRON DENSITY, MEASUREMENT
SPECTRAL, SPATIAL, AND TEMPORAL VARIATIONS OBSERVED FOR OUTER ZONE ELECTRONS FROM 10 TO 100 KEV WITH SATELLITE INJUN 3.
AD-658 710 4A U67 22 HC$ 3.00 MF$ 0.65

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SOUND WAVES IN PLASMAS A BASIC PHENOMENON AND A SIMPLE DIAGNOSTIC TOOL,
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RESEARCH AND DEVELOPMENT ON AN ELECTRON- SENSITIVE SOLID STATE MATRIX FINAL REPORT.
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DIFFUSION OF SOLAR COSMIC RAYS AND THE POWER SPECTRUM OF THE INTERPLANETARY MAGNETIC FIELD.
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DEVELOPMENT OF A 100 WATT S-BAND TRAVELING-WAVE TUBE QUARTERLY PROGRESS REPORT.
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ELECTRON GUNS, OPERATION
STATITRON A LOW-ENERGY PULSED ELECTRON ACCELERATOR,
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ELECTRON OMNIDIRECTIONAL INTENSITY CONTOURS IN THE EARTH'S OUTER RADIATION ZONE AT THE MAGNETIC EQUATOR.
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SLOW-ELECTRON SCATTERING BY STRONGLY POLAR MOLECULES.
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ELECTRON SPIN RESONANCE STUDY OF HYDROGEN-ADDITION AND -REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS,
AD-658 797 7C U67 22

ELECTRON TRANSITIONS, COBALT COMPOUNDS
FIRST-ORDER LOCALIZED-ELECTRON = COLLECTIVE-ELECTRON TRANSITION IN LACOO.
AD-658 906 20L U67 22

ELECTRON TRANSITIONS, GALLIUM COMPOUNDS
THE A(3)X1O(-) TO X(1)SIGMA(+) TRANSITION OF THE GAH MOLECULE.
AD-658 908 7D U67 22

ELECTRON TRANSITIONS, PARAMAGNETIC MATERIALS
PARAMAGNETIC IONS AND LATTICE VIBRATIONS.
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TRANSMITTER TUBE INVESTIGATION.
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ELECTRIC, ELECTRONIC FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
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DIELECTRIC STRENGTH OF RIGID URETHANE FOAM.
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AN ELECTRONIC WAVE-HEIGHT MEASURING APPARATUS.
AD-659 031 20D U67 22 HC$ 3.00 MF$ 0.65

ELECTRONICS
RESEARCH AND ADVANCED DEVELOPMENT. VOLUME II - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF ADVANCED RESEARCH AND TECHNOLOGY, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.

N67-36013 22B S05 21 HC$ 3.00 MF$ 0.65

ELECTRONS, INTERACTIONS
QUANTUM KINETIC EQUATIONS FOR ELECTRONS IN RANDOM IMPURITIES,
AD-658 909 20L U67 22

ELECTRONS, PLASMA PHYSICS
RELAXATION TO EQUILIBRIUM OF A DILUTE ELECTRON PLASMA,
AD-658 642 20I U67 22

ELECTRONS, WAVE FUNCTIONS
TABLES OF ELECTRON WAVEFUNCTIONS AND ASSOCIATED DATA,
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DEVELOPMENT OF COMPUTER AIDS FOR TAPE-CONTROL OF PHOTOCOMPOSING MACHINES. REPORT NO. 2. EXTENSION OF THE SYSTEM OF PREPARING A COMPUTER-PROCESSED TAPE TO INCLUDE THE SETTING OF MULTIPLE LINE EQUATIONS.
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SINGLE CRYSTAL PEROVSKITES AS ELECTROOPTICALLY ACTIVE MATERIALS.
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ELECTROTHERMAL MICROTHRUST SYSTEMS.
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OPTICAL IMAGERY FOR THE SMALL EARTH RESOURCES SATELLITE.
N67-36064 20F S05 21 HC$ 3.00 MF$ 0.65

ELEMENTARY PARTICLES, INTERACTIONS
TOWERS AS SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES,
AD-658 985 20J U67 22

EMPLOYMENT, ARKANSAS
AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION VII,
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PB-175 974 51 U67 22 HC$ 3.00 MF$ 0.65

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PB-175 975 51 U67 22 HC$ 3.00 MF$ 0.65

SUMMARY OF AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES,
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PB-175 978 51 U67 22 HC$ 3.00 MF$ 0.65

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PB-175 980 51 U67 22 HC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION IV,
PB-175 981 51 U67 22 HC$ 3.00 MF$ 0.65

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PB-175 982 51 U67 22 HC$ 3.00 MF$ 0.65

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PB-175 983 51 U67 22 HC$ 3.00 MF$ 0.65

AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND AN APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION I,
PB-175 984 51 U67 22 HC$ 3.00 MF$ 0.65

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AN INTENSIVE INVESTIGATION OF THE PROBLEMS ASSOCIATED WITH YOUNG MEN WHO ARE MENTALLY UNQUALIFIED FOR MILITARY SERVICE.
PB-176 085 51 U67 22 HC$ 3.00 MF$ 0.65

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DESIGN OF A CAPSULE FOR IRRADIATION NEAR 2000 C,
BMI-1808 18J N21 19 HC$ 3.00 MF$ 0.65

ENCAPSULATION, MATERIALS
DEVELOPMENT OF 60 CO CAPSULES FOR HEAT SOURCES,
GP-1096 18B N21 19 HC$ 3.00 MF$ 0.65

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THEORETICAL PERFORMANCE OF SOLAR CELL SPACE POWER SYSTEMS USING SPECTRAL DISPERSION. II - DISPERSION BY DIFFRACTION GRATINGS.
N67-35759 10A S05 21 HC$ 3.00 MF$ 0.65

THEORETICAL PERFORMANCE OF SOLAR-CELL SPACE POWER SYSTEMS USING SPECTRAL DISPERSION. I - DISPERSION BY PRISM REFLECTOR.
N67-35760 10A S05 21 HC$ 3.00 MF$ 0.65

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DETERMINATION OF PHYSICAL CRITERIA FOR ROADSIDE ENERGY CONVERSION SYSTEMS.
PB-175 919 13L U67 22 HC$ 3.00 MF$ 0.65

ENERGY CONVERSION, PHOTOELECTRIC CELLS(SEMICONDUCTOR)
P-I-N THERMO-PHOTO-VOLTAIC DIODE,
AD-658 902 10A U67 22 HC$ 3.00 MF$ 0.65

ENERGY CONVERTER
SOLAR THERMIONIC GENERATOR DEVELOPMENT QUARTERLY REPORT, MAR. 1 - JUN. 7, 1967.
N67-35553 10B S05 21 HC$ 3.00 MF$ 0.65

ENERGY DISSIPATION
THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
N67-36422 3B S05 21 HC$ 3.00 MF$ 0.65

ENGINE DESIGN
SUPERSONIC TRANSPORT AIRPORT AND COMMUNITY JET NOISE DURING TAKEOFF AND INITIAL CLIMB.
N67-35721 1C S05 21 HC$ 3.00 MF$ 0.65

ENGINEERING DEVELOPMENT
SPACE PROGRAMS SUMMARY NO. 37-32, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1965 TO MARCH 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-35972 22B S05 21 HC$ 3.00 MF$ 0.65

ENGLISH LANGUAGE, LINGUISTICS
ANNUAL REPORT AUTOMATIC INDEXING AND ABSTRACTING.
AD-659 057 5B U67 22 HC$ 3.00 MF$ 0.65

ENVIRONMENTAL CONTROL
STUDY AND APPLICATIONS OF RETRODIRECTIVE AND SELF-ADAPTIVE ELECTROMAGNETIC WAVE CONTROLS TO A MARS PROBE QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N67-35372 17B S05 21 HC$ 3.00 MF$ 0.65

ENVIRONMENTAL TESTING
DEVELOPMENT OF THERMAL TESTING TECHNIQUES AT HIGH SOLAR INTENSITIES FINAL REPORT, 13 AUG. 1965 - 13 MAY 1967.
N67-36489 22B S05 21 HC$ 3.00 MF$ 0.65

ENVIRONMENT, REVIEWS
CBE FACTORS MONTHLY SURVEY NO. 17.
AD-658 438 15B U67 22 HC$ 3.00 MF$ 0.65

EPIDEMIOLOGY, REVIEWS
RESEARCH ACTIVITIES OF THE COMMISSION ON EPIDEMIOLOGICAL SURVEY, AFEB.
AD-658 800 15B U67 22

EPITAXIAL GROWTH, SEMICONDUCTING FILMS

GROWTH OF EPITAXIAL GERMANIUM FILMS FROM SUPERCOOLED DROPS,
AD-658 650 20L U67 22 HC$ 3.00 MF$ 0.65

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SILICON CARBIDE FILAMENT REINFORCED EPOXY RESIN COMPOSITES.
AD-658 443 11D U67 22 HC$ 3.00 MF$ 0.65

EQUATIONS OF STATE, DETONATIONS
FORTRAN BKW A CODE FOR COMPUTING THE DETONATION PROPERTIES OF EXPLOSIVES,
LA-3704 18C N21 19 HC$ 3.00 MF$ 0.65

EQUATIONS, NUMERICAL ANALYSIS
MATRIX SCALING WITH RESPECT TO THE MAXIMUM-NORM, THE SUM-NORM, AND THE EUCLIDEAN NORM,
AD-658 675 12A U67 22 HC$ 3.00 MF$ 0.65

EQUATIONS, PROGRAMMING(COMPUTERS)
DEVELOPMENT OF COMPUTER AIDS FOR TAPE-CONTROL OF PHOTOCOMPOSING MACHINES. REPORT NO. 2. EXTENSION OF THE SYSTEM OF PREPARING A COMPUTER-PROCESSED TAPE TO INCLUDE THE SETTING OF MULTIPLE LINE EQUATIONS.
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EQUILIBRIUM
APPLICATION OF LYAPUNOV STABILITY THEORY TO SOME NONLINEAR PROBLEMS IN HYDRODYNAMICS.
N67-35730 20D S05 21 HC$ 3.00 MF$ 0.65

EQUIPMENT SPECIFICATIONS
STANDARD FOR COLOR CODE FOR SHOP MACHINERY AND EQUIPMENT.
N67-36668 13H S05 21 HC$ 3.00 MF$ 0.65

EROSION, METERS
DESIGN AND DEVELOPMENT OF ULTRASONIC SCOUR METER MODEL 1055.
PB-175 920 13B U67 22 HC$ 3.00 MF$ 0.65

OPERATION AND MAINTENANCE MANUAL FOR ULTRASONIC SCOUR METER MODEL 1055, APPENDIX B.
PB-175 921 13B U67 22 HC$ 3.00 MF$ 0.65

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ROUNDING ERROR BOUNDS BY PERTURBATION- CONDITION ANALYSIS.
N67-35614 12A S05 21 HC$ 3.00 MF$ 0.65

ERROR DETECTING CODE
A COMPARISON OF DECISION SYSTEMS WITH DATA REJECTION.
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PRELIMINARY DETERMINATIONS OF TEMPERATURE LIMITATIONS OF ESTER, ETHER, AND HYDROCARBON BASE LUBRICANTS IN 25-MM BORE BALL BEARINGS.
N67-35751 11H S05 21 HC$ 3.00 MF$ 0.65

ESTERS, NEUROMUSCULAR TRANSMISSION
ESTER AND STIMULUS FREQUENCY MEDIATED PERTURBATIONS OF RESPONSE PATTERNS FROM CAT SOLEUS TISSUES,
AD-658 939 6D U67 22

ETHIOPIA, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS FOR ETHIOPIA, ERITREA, AND THE SOMALILANDS,
PB-176 030 4B U67 22 HC$ 3.00 MF$ 0.65

EUROPEAN SPACE PROGRAM
PRELIMINARY STUDY OF APOGEE STAGE OF EUROPA I LAUNCH VEHICLE.
N67-35914 22C S05 21 HC$ 3.00 MF$ 0.65

EUROPIUM
ABSOLUTE E1, DELTA K EQUALS 0 TRANSITION RATES IN ODD-MASS PM AND EU-ISOTOPES.
N67-36570 18H S05 21 HC$ 3.00 MF$ 0.65

EXCITONS, LIQUIDS
ON THE THEORY OF EXCITONS IN LIQUIDS. II. A CLASSICAL MODEL OF POLARIZATION WAVES IN A SIMPLE LIQUID,
AD-658 661 7D U67 22

EXHAUST GASES, HAZARDS
CARBON MONOXIDE HAZARD FROM EXHAUST GASES IN TANKS THAT ARE IN TOW.
AD-658 568 13L U67 22 HC$ 3.00 MF$ 0.65

TEST OF CARBON MONOXIDE HAZARD FROM ENGINE IN LIGHT TANK, M24,
AD-658 570 13L U67 22 HC$ 3.00 MF$ 0.65

EXHAUST GASES, JETS
A REVIEW OF JET EFFLUX STUDIES APPLICABLE TO V/STOL AIRCRAFT,
AD-658 432 1C U67 22 HC$ 3.00 MF$ 0.65

EXHAUST GASES, TANKS(COMBAT VEHICLES)
CONTROL OF GUN FUMES IN M-4 SERIES MEDIUM TANKS.
AD-658 551 13L U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M4 SERIES. DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M5 SERIES.
AD-658 552 13L U67 22 HC$ 3.00 MF$ 0.65

REPORT ON GUN FUME HAZARD FROM 37MM GUN IN M5 LIGHT TANK,
AD-658 636 13L U67 22 HC$ 3.00 MF$ 0.65

EXPERIMENT DESIGN
OPLE EXPERIMENT.
N67-36634 17G S05 21 HC$ 3.00 MF$ 0.65

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USE OF COMPUTERS IN ANALYSIS OF EXPERIMENTAL DATA AND THE CONTROL OF NUCLEAR FACILITIES.
CONF-660527 9B N21 19 HC$ 3.00 MF$ 0.65

EXPERIMENTAL DESIGN, MATHEMATICAL ANALYSIS
ON THE CONSTRUCTION OF ORTHOGONALIZED SQUARES BY FINITE FIELDS.
AD-658 468 12B U67 22 HC$ 3.00 MF$ 0.65

EXPLOSION
ON THE EXPLOSIVE ORIGIN OF THE GALAXIES.
N67-36637 3B S05 21 HC$ 3.00 MF$ 0.65

EXPLOSION BUBBLES, MEASUREMENT
EVALUATION OF CONCEPTS FOR MEASURING DIMENSIONS OF BUBBLES PRODUCED BY UNDERWATER EXPLOSIONS,
AD-658 543 19D U67 22 HC$ 3.00 MF$ 0.65

EXPLOSIONS, CAVITATION
FORMATION OF CAVITIES AND MICROJETS IN LIQUIDS AND THEIR ROLE IN INITIATION AND GROWTH OF EXPLOSION.
AD-658 958 19D U67 22

EXPLOSIVE MATERIALS, HEAT OF FORMATION
FORTRAN BKW A CODE FOR COMPUTING THE DETONATION PROPERTIES OF EXPLOSIVES,
LA-3704 18C N21 19 HC$ 3.00 MF$ 0.65

EXPONENTIAL FUNCTION
CONTRACTION COEFFICIENT OF JETS.
N67-36145 20D S05 21 HC$ 3.00 MF$ 0.65

EXPOSURE, BARBITURATES
EFFECT OF VARYING PERIODS OF COLD EXPOSURE ON THE ACTION AND METABOLISM OF HEXOBARBITAL,
AD-658 478 6D U67 22 HC$ 3.00 MF$ 0.65

EXPOSURE, TOXIC TOLERANCE
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD,
AD-658 462 6T U67 22 HC$ 3.00 MF$ 0.65

EXTRATERRESTRIAL LIFE
LIFE IN EXTRATERRESTRIAL ENVIRONMENTS QUARTERLY STATUS REPORT, 31 MAY - 31 AUG. 1967.
N67-36580 6F S05 21 HC$ 3.00 MF$ 0.65

EXTRATERRESTRIAL RADIO WAVES, SOURCES
AN ANALYSIS OF THE DISTRIBUTION OF RADIO SOURCES,
AD-658 691 3B U67 22

EXTRAVEHICULAR OPERATION
STUDY OF ASTRONAUT CAPABILITIES TO PERFORM EXTRAVEHICULAR MAINTENANCE AND ASSEMBLY FUNCTIONS IN WEIGHTLESS CONDITIONS.
N67-36491 22A S05 21 HC$ 3.00 MF$ 0.65

EXTREMELY LOW FREQUENCY, IONOSPHERIC PROPAGATION
A MODEL FOR PROPAGATION OF ELF AND VLF WAVES BELOW NATURALLY PERTURBED IONOSPHERES.
AD-658 881 20N U67 22 HC$ 3.00 MF$ 0.65

EYEGLASSES, EFFECTIVENESS
TEST OF GLASSES, SUN,
AD-658 642 6Q U67 22 HC$ 3.00 MF$ 0.65

EYE, WOUNDS + INJURIES
SURFACE TEMPERATURE AS A PARAMETER IN ESTIMATING LASER INJURY THRESHOLDS.
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FACTOR ANALYSIS, COMPUTER PROGRAMS
A COMPUTER PROGRAM FOR FACTOR ANALYSIS OF PHYSICAL PROPERTIES.
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FACTOR ANALYSIS, PSYCHOMETRICS
EVALUATION OF FACTOR ANALYTIC RESEARCH PROCEDURES BY MEANS OF SIMULATED CORRELATION MATRICES.
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FAIRING
CENTAUR AC-6 NOSE FAIRING SEPARATION TESTS.
N67-35375 22D S05 21 HC$ 3.00 MF$ 0.65

FALLOUT SHELTERS, FIRES
DESIGN OF TESTS FOR THE EFFECTS OF MASS FIRES ON SHELTER OCCUPANTS.
AD-658 734 13M U67 22 HC$ 3.00 MF$ 0.65

FALLOUT SHELTERS, MANAGEMENT ENGINEERING
SHELTER MANAGEMENT TEXTBOOK.
AD-658 898 15C U67 22 HC$ 3.00 MF$ 0.65

FAR FIELD
A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
N67-36403 1A S05 21 HC$ 3.00 MF$ 0.65

FARADAY ROTATION
TOTAL ELECTRON CONTENT MEASUREMENTS BY DIFFERENTIAL FARADAY ROTATION METHOD AT LOW LATITUDES.
N67-36195 4A S05 21 HC$ 3.00 MF$ 0.65

FAST REACTORS, REACTOR FUEL CLADDING
AEC FUELS AND MATERIALS DEVELOPMENT PROGRAM PROGRESS REPORT NO. 67.
GEMP-67 18J N21 19 HC$ 3.00 MF$ 0.65

FAST REACTORS, REACTOR SAFETY SYSTEMS
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS HELD AT ARGONNE NATIONAL LABORATORY, ILLINOIS, OCTOBER 10-13, 1966.

ANL-7320 9b N21 19 HC$ 3.00 MF$ 0.65

FAST REACTORS, REACTOR START-UP SOURCES
THE SYSTEMS-QUALITY SODIUM LOOP DESIGN, CONSTRUCTION, AND STARTUP,
NAA-SR-12327 18I N21 19 HC$ 3.00 MF$ 0.65

FATIGUE LIFE
FATIGUE LIFE UNDER RANDOM LOADING FOR SEVERAL POWER SPECTRAL SHAPES.
N67-35726 11F S05 21 HC$ 3.00 MF$ 0.65

FATIGUE TEST
REPORTS AND TRANSACTIONS, VOLUME XXXII.
N67-36124 1A S05 21 HC$ 3.00 MF$ 0.65

BASIC TYPES OF DEFORMATION MICRO-CONTOURS APPEARING ON THE SURFACE OF COMMERCIAL IRON TEST-PIECES DURING FATIGUE TESTING UNDER HEATING IN VACUO.
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FLEXURAL FATIGUE DURABILITY OF SELECTED UNREINFORCED STRUCTURAL LIGHTWEIGHT CONCRETES.
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NON-CENTROSYMMETRIC STRUCTURES IN AN M4YN HEXAGONAL FERRITE SERIES,
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FERRITES, MAGNETISM
DESIGN OF COMPOSITE MAGNETIC CIRCUITS FOR TEMPERATURE STABILIZATION OF MICROWAVE FERRITE DEVICES.
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FERRITES, MICROWAVE EQUIPMENT
HYSTERESIS EVALUATION OF MICROWAVE FERRITES AT AUDIO FREQUENCY WITH LARGE DYNAMIC RANGE.
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STUDY OF MAGNETORESISTANCE AND MAGNETIC SWITCHING IN FERROMAGNETIC THIN FILMS.
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FIELD EMISSION FROM A MULTIPLICITY OF EMITTERS ON A BROAD-AREA CATHODE,
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TOWERS AS SETS OF COMPOSITE PARTICLES AND TROUBLE WITH INFINITE-COMPONENT FIELD THEORIES,
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FIELD THEORY, COHERENT RADIATION
CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. I. DYNAMICAL EQUATIONS AND CONSERVATION LAWS,
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STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
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COMBUSTIBILITY TESTS ON SEVERAL FLAME-RESISTANT FABRICS IN COMPRESSED AIR, OXYGEN-ENRICHED AIR, AND PURE OXYGEN,
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FIRE SAFETY, CONFINED ENVIRONMENTS
COMBUSTIBILITY TESTS ON SEVERAL FLAME-RESISTANT FABRICS IN COMPRESSED AIR, OXYGEN-ENRICHED AIR, AND PURE OXYGEN,
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COST-EFFECTIVENESS ANALYSIS FOR THE FIRE SERVICE AN OVERVIEW.
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DESIGN OF TESTS FOR THE EFFECTS OF MASS FIRES ON SHELTER OCCUPANTS.
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ELECTROPHYSIOLOGICAL STUDY OF THE MECHANISMS SUBSERVING COLOR CODING IN THE FISH RETINA,
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NEMATODE PARASITES OF FISHES TAKEN ON TAIWAN (FORMOSA) AND ITS OFFSHORE ISLANDS,
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FISSION PRODUCTS, DISPOSAL
EVALUATION OF SNAP REACTOR DISPOSAL TECHNIQUES,
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FLAT CONDUCTOR CABLE MANUFACTURE AND INSTALLATION TECHNIQUES.
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AUTOMATIC CONTROL SYSTEM SYNTHESIS TECHNIQUES. PHASE 1. SURVEY OF FREQUENCY DOMAIN SYNTHESIS TECHNIQUES BASED ON THE ROOTS OF THE CHARACTERISTIC EQUATION.
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STUDY OF FLUID FLIGHT PATH CONTROL SYSTEM.
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CENTAUR AC-6 NOSE FAIRING SEPARATION TESTS.
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APPLICATION OF THE HYDRAULIC ANALOGY TO INTERNAL SUBSONIC FLOW,
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EXPERIMENTS ON LARGE GAS BUBBLES IN LIQUIDS.
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LECTURES ON TURBULENT FLOW,
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EXTERNAL FLOWS OF VISCOELASTIC MATERIALS FLUID PROPERTY RESTRICTIONS ON THE USE OF VELOCITY-SENSITIVE PROBES.
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FLUID JET
CONTRACTION COEFFICIENT OF JETS.
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STUDY OF FLUID FLIGHT PATH CONTROL SYSTEM.
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RESEARCH ON ELECTROMAGNETICS FOR PROJECT DEFENDER.
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DEVELOPMENT OF FLUIDIC LOGIC START-UP SYSTEM FOR MAIN FORCED DRAFT BLOWERS.
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LIFETIME OF FLUORESCENCE FROM THE LOWEST ELECTRONIC STATE IN SULFUR DIOXIDE VAPOR.
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DESCRIPTION OF SCIENTIFIC SOUNDING-ROCKET PROJECT S-18.
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DIRECT CARBON REPLICATION OF URANIUM TETRAFLUORIDE FILMS ON URANIUM DIOXIDE,
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TRIFLUOROMETHYL FLUOROFORMATE.
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KINETIC STUDIES OF THE REACTIONS OF ANIONS WITH DIFLUORAMINE.
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NEW HYPOFLUORITES CONTAINING NITROGEN.
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ALIGNMENT OF INERTIAL SYSTEMS ON A MOVING BASE.
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POSTGLACIAL-GLACIAL CHANGE IN CLIMATE IN THE INDIAN OCEAN,
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A VISUAL STUDY OF FORCED CONVECTION BOILING. PART 2 - FLOW PATTERNS AND BURNOUT FOR A ROUND TEST SECTION.
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WORK OF THE ARMED FORCES IN THE ECONOMIC AND SOCIAL DEVELOPMENT OF THE COUNTRIES (MILITARY CIVIC ACTION).
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REACTION SYSTEMS AND INSTABILITY IN INTERPERSONAL AND INTERNATIONAL AFFAIRS.
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PONDEROSA PINE BIBLIOGRAPHY THROUGH 1965.
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PRODUCTION, PRICES, EMPLOYMENT, AND TRADE IN PACIFIC NORTHWEST FOREST INDUSTRIES.
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INFLUENCE OF BEAM SIZE ON THE SHEARING FRACTURE OF MORTAR AND CONCRETE BEAMS,
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DELAYED FRACTURE OF TITANIUM ALLOYS,
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BIBLIOGRAPHY ON CLIMATIC MAPS FOR FRANCE,
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METHOD OF ANALYZING DYNAMIC DATA CHARACTERIZED BY A TIME-VARYING FREQUENCY SPECTRUM.
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TRANSIONOSPHERIC PROPAGATION OF FM SIGNALS.
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EXPERIMENTAL RESULTS OF A FREQUENCY DOUBLER USING A VARACTOR ARRAY,
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FREQUENCY, STANDARDS
QUARTZ FREQUENCY STANDARDS.
AD-658 936 9A U67 22

FRICTION COEFFICIENT
CORRELATION OF FRICTION COEFFICIENTS FOR LAMINAR AND TURBULENT FLOW WITH RATIOS OF SURFACE TO BULK TEMPERATURE FROM 0.35 TO 7.35.
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ARIADNE-1 A BURNUP PERTURBATION CODE,
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REVERSIBLE OXYGEN ELECTRODES.
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MINIMUM FUEL ASCENT FROM THE LUNAR SURFACE.
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DETERMINATION OF LATTICE PARAMETERS USING A FEW RODS.
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FUNCTIONS, GROUPS(MATHEMATICS)
DISTAL FUNCTIONS ON GROUPS,
AD-658 795 12A U67 22

FUSED SALTS COOLED REACTORS, REACTOR MATERIALS
MOLTEN-SALT REACTOR PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING FEBRUARY 28, 1967.
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GALACTIC EVOLUTION
ON THE EXPLOSIVE ORIGIN OF THE GALAXIES.
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A BALLOON BORNE X-RAY SURVEY OF THE CENTRAL REGION OF THE GALAXY.
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SOME LOCAL-MODE MEASUREMENTS OF LI-DIFFUSED, TE-DOPED GAAS,
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LOCALIZED VIBRATIONAL MODES OF LITHIUM IN LITHIUM-DIFFUSED P TYPE GAAS,
AD-659 014 20L U67 22

GALLIUM COMPOUNDS, ELECTRON TRANSITIONS
THE A(3)PI(-) TO X(1)SIGMA(+) TRANSITION OF THE GAH MOLECULE,
AD-658 908 7D U67 22

GAME THEORY, ECONOMICS
THE 'VALUE OF THE GAME' AS A TOOL IN THEORETICAL ECONOMICS,
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UTILITY FUNCTIONS FOR PARTIALLY ORDERED TOPOLOGICAL SPACES.
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AN EXPERIMENTAL EVALUATION OF VARIOUS GAMMA DOSIMETRY SYSTEMS,
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RADOS A CODE TO ESTIMATE GAMMA DOSE FROM A CLOUD OF RADIOACTIVE GASES,
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GRAMS A FORTRAN PROGRAM TO SOLVE GAMMA RAY PENETRATION PROBLEMS IN MULTISLAB SHIELDS. VOLUME I. NUMERICAL METHODS,
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TRANSMISSION OF 14-MEV NEUTRONS IN LIQUID NITROGEN,
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PREPARATIVE SCALE GAS-LIQUID CHROMATOGRAPHY OF SUBSTITUTED DIAZIRINES,
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THE UTILIZATION OF THE HOLOGRAPH IN THE AREA OF AERODYNAMICS.
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RECENT ADVANCES IN AEROTHERMOCHEMISTRY, VOLUME I.
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DETERMINATION OF STAGNATION TEMPERATURES IN THE A.A.R.D.E. HYPERSONIC GUN TUNNEL FROM STREAK CAMERA MEASUREMENTS OF FLOW VELOCITY.
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A DIGITAL COMPUTER PROGRAM FOR CALCULATING STEADY TEMPERATURE AND DENSITY DISTRIBUTIONS IN A GAS CONTAINING HEAT SOURCES.
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DISSOCIATIVE IONIZATION OF H2 AND D2.
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ENERGETIC POSITIVE IONS FROM PHOTOIONIZATION OF GASES,
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MERGED LAYER IONIZATION IN THE STAGNATION REGION OF A BLUNT BODY.
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DEVELOPMENT AND FABRICATION OF RING LASER SYSTEMS.
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STUDY OF LOW PRESSURE APPLICATION OF THE ORBITRON.
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ALIGNMENT CHARTS FOR TRANSPORT PROPERTIES VISCOSITY, THERMAL CONDUCTIVITY, AND DIFFUSION COEFFICIENTS FOR NONPOLAR GASES AND GAS MIXTURES AT LOW DENSITY.
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AN IMPROVED TURBIDIMETRIC ANALYSIS OF POLYETHYLENE GLYCOL UTILIZING AN EMULSIFIER,
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GELS, CHEMICAL PRECIPITATION
BIBLIOGRAPHY OF LIESEGANG RINGS (2D. ED.).
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CARBON MONOXIDE HAZARD FROM AUXILIARY GENERATORS IN TANKS,
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EXCERPT FROM THE REPORT OF THE SOVIET GEOPHYSICAL COMMITTEE, ACADEMY OF SCIENCES OF THE USSR, TO THE 14TH GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS.
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GEOLOGIC AGE DETERMINATION, AUSTRALIA
POSTGLACIAL-GLACIAL CHANGE IN CLIMATE IN THE INDIAN OCEAN,
AD-658 698 8G U67 22

GEOLOGIC AGE DETERMINATION, PALEONTOLOGY
PLEISTOCENE AGE DETERMINATIONS FROM CALIFORNIA AND OREGON,
AD-658 703 8G U67 22

GEOLOGY, USSR
TECTONIC STRUCTURE OF THE YAKUTIAN AUTONOMOUS SOVIET SOCIALIST REPUBLIC.
AD-658 715 8G U67 22 HC$ 3.00 MF$ 0.65

GEOMAGNETICALLY TRAPPED PARTICLE
GEOMAGNETICALLY TRAPPED ALPHA PARTICLES.
N67-36120 4A S05 21 HC$ 3.00 MF$ 0.65

GERMANIUM, SEMICONDUCTING FILMS
GROWTH OF EPITAXIAL GERMANIUM FILMS FROM SUPERCOOLED DROPS,
AD-658 650 20L U67 22 HC$ 3.00 MF$ 0.65

GERM-FREE ANIMALS, BLOOD COUNTS
LEUKOCYTE COUNTS OF GERM-FREE NEONATALLY THYMECTOMIZED CFW MICE,
AD-658 526 6C U67 22

GIBRALTAR STRAIT, CLIMATOLOGY
BIBLIOGRAPHY ON CLIMATE OF MALTA AND GIBRALTAR,
PB-176 021 4B U67 22 HC$ 3.00 MF$ 0.65

GLASS COATING
DEVELOPMENT OF GLASS PASSIVATION METHOD FOR SEMICONDUCTOR DEVICES FOR SATURN SYSTEM QUARTERLY PROGRESS REPORT, 28 JUN. - 28 SEP. 1966.
N67-35628 13H S05 21 HC$ 3.00 MF$ 0.65

GLASS TEXTILES, FIRE RESISTANT TEXTILES
COMBUSTIBILITY TESTS ON SEVERAL FLAME-RESISTANT FABRICS IN COMPRESSED AIR, OXYGEN-ENRICHED AIR, AND PURE OXYGEN,
AD-658 953 11E U67 22

GLOW DISCHARGE
THE CONSTRUCTION AND GENERAL PROPERTIES OF A BRUSH CATHODE

DISCHARGE.
N67-35893 201 S05 21 MC$ 3.00 MF$ 0.65

GLOW DISCHARGES, PLASMA GENERATORS
LABORATORY SIMULATION OF REENTRY PLASMA SHEATHS.
AD-658 882 201 U67 22 MC$ 3.00 MF$ 0.65

GLYCOLS, OPTICAL ANALYSIS
AN IMPROVED TURBIDIMETRIC ANALYSIS OF POLYETHYLENE GLYCOL UTILIZING AN EMULSIFIER,
AD-658 607 6E U67 22

GOLD ALLOYS, NICKEL ALLOYS
APPLICATION OF THE MOSSBAUER EFFECT IN DETERMINATION OF PHASE DIAGRAMS,
UCRL-50262 20L N21 19 MC$ 3.00 MF$ 0.65

GOLD, CHEMICAL EQUILIBRIUM
GOLD-CHLORINE AND GOLD-BROMINE EQUILIBRIA IN MOLTEN ALKALI HALIDES.
AD-659 032 7D U67 22 MC$ 3.00 MF$ 0.65

GOVERNMENT(FOREIGN), LEADERSHIP
SOVIET MILITARY POLICY AT THE FIFTY-YEAR MARK,
AD-658 813 5D U67 22 MC$ 3.00 MF$ 0.65

GRAVITATIONAL EFFECT
ORBITAL REGRESSION OF SYNCHRONOUS SATELLITES DUE TO THE COMBINED GRAVITATIONAL EFFECTS OF THE SUN, THE MOON AND THE OBLATE EARTH.
N67-36636 22C S05 21 MC$ 3.00 MF$ 0.65

GRAVITY GRADIENT SATELLITE
APPLICATIONS TECHNOLOGY SATELLITE GRAVITY GRADIENT STABILIZATION SYSTEM QUARTERLY PROGRESS REPORT, 1 FEB. - 30 APR. 1967.
N67-36032 22B S05 21 MC$ 3.00 MF$ 0.65

GRAVITY WAVE
NEUTRAL AIR WAVES IN THE THERMOSPHERE.
N67-35911 4A S05 21 MC$ 3.00 MF$ 0.65

GRAVITY, EARTH(PLANET)
A REPRESENTATION OF THE ANOMALOUS GRAVITATIONAL FIELD.
AD-658 714 8N U67 22 MC$ 3.00 MF$ 0.65

GREAT BRITAIN, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS FOR IRELAND,
PB-176 039 4B U67 22 MC$ 3.00 MF$ 0.65

GREECE, CLIMATOLOGY
SELECTED ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS FOR GREECE,
PB-176 028 4B U67 22 MC$ 3.00 MF$ 0.65

GREENLAND, CLIMATOLOGY
SUPPLEMENT TO THE BIBLIOGRAPHY ON THE CLIMATE OF GREENLAND,
PB-176 025 4B U67 22 MC$ 3.00 MF$ 0.65

GREEN'S FUNCTION, MATHEMATICAL ANALYSIS
REFORMULATION OF THE NAGAOKA EQUATIONS,
AD-659 088 12A U67 22

GROUP DYNAMICS, MILITARY PERSONNEL
A CRITERION MODEL FOR THE STUDY OF INTERPERSONAL RELATIONS IN SMALL ISOLATED GROUPS,
AD-658 736 5J U67 22 MC$ 3.00 MF$ 0.65

GROUP DYNAMICS, PERCEPTION(PSYCHOLOGY)
MULTIMODE FACTOR ANALYSIS OF INTERPERSONAL PERCEPTIONS.
AD-658 515 5J U67 22 MC$ 3.00 MF$ 0.65

GROUP DYNAMICS, PSYCHOMETRICS
RECIPROCITY AND CREDIT BUILDING IN DYADS.
AD-658 880 5J U67 22 MC$ 3.00 MF$ 0.65

GROUPS(MATHEMATICS), FUNCTIONS
DISTAL FUNCTIONS ON GROUPS,
AD-658 795 12A U67 22

GROUPS(MATHEMATICS), QUANTUM MECHANICS
REDUCTION OF REDUCIBLE REPRESENTATIONS OF THE INFINITESIMAL GENERATORS OF THE PROPER, ORTHOCHRONOUS, INHOMOGENEOUS LORENTZ GROUP,
AD-658 764 20J U67 22

GUIDANCE AND CONTROL
ELECTROMAGNETIC GUIDANCE STUDY.
N67-35568 22B S05 21 MC$ 3.00 MF$ 0.65

SPACE PROGRAMS SUMMARY NO. 37-32, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1965 TO MARCH 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-35972 22B S05 21 MC$ 3.00 MF$ 0.65

SPACE PROGRAMS SUMMARY NO. 37-26, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1964 TO MARCH 31, 1964. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-36101 22B S05 21 MC$ 3.00 MF$ 0.65

GUIDANCE SYSTEM
SPACE PROGRAMS SUMMARY NO. 37-27, VOLUME IV FOR THE PERIOD APRIL 1, 1964 TO MAY 31, 1964. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-36667 22B S05 21 MC$ 3.00 MF$ 0.65

GUIDANCE, TAXIING
RADIOACTIVE TAXI GUIDANCE TEST CATEGORY III GROUND GUIDANCE EQUIPMENT.
AD-658 742 17G U67 22 MC$ 3.00 MF$ 0.65

GUIDED MISSILE RANGES, WIND
EFFECT OF POINT ARGUELLO WIND VARIABILITY UPON RANGE SAFETY CONSIDERATIONS AT WTR.
AD-658 847 16A U67 22 MC$ 3.00 MF$ 0.65

GUIDED MISSILE SAFETY, WIND
EFFECT OF POINT ARGUELLO WIND VARIABILITY UPON RANGE SAFETY CONSIDERATIONS AT WTR.
AD-658 847 16A U67 22 MC$ 3.00 MF$ 0.65

GUN MOUNTS, ANTIAIRCRAFT GUNS
PARALLELOGRAM MOUNTING OF REFLEX SIGHT FOR 0 CAL. ANTI-AIRCRAFT MACHINE GUN,
AD-658 585 19F U67 22 MC$ 3.00 MF$ 0.65

GUN SIGHTS, DESIGN
LATERAL-OFFSET SIGHT.
AD-658 565 19G U67 22 MC$ 3.00 MF$ 0.65

GUN SIGHTS, HUMAN ENGINEERING
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE,
AD-658 589 5E U67 22 MC$ 3.00 MF$ 0.65

GUN TURRETS, HUMAN ENGINEERING
SUGGESTED MODIFICATIONS IN THE TURRET OF THE M5A1 TANK TO IMPROVE GUNNER-COMMANDER'S POSITION, USE OF SIGHTS AND OPERATION OF CONTROL,
AD-658 639 5E U67 22 MC$ 3.00 MF$ 0.65

GUNNERY TRAINERS, HUMAN ENGINEERING
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE,
AD-658 588 5E U67 22 MC$ 3.00 MF$ 0.65

AD-658 591 5E U67 22 MC$ 3.00 MF$ 0.65

STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
AD-658 592 5E U67 22 MC$ 3.00 MF$ 0.65

GUNNERY, HUMAN ENGINEERING
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
AD-658 590 5E U67 22 MC$ 3.00 MF$ 0.65

GUNNERY, PERFORMANCE(HUMAN)
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE,
AD-658 588 5E U67 22 MC$ 3.00 MF$ 0.65

AD-658 589 5B U67 22 MC$ 3.00 MF$ 0.65

AD-658 591 5E U67 22 MC$ 3.00 MF$ 0.65

STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
AD-658 592 5E U67 22 MC$ 3.00 MF$ 0.65

DETERMINATION OF THE SOURCES, MAGNITUDE AND COSTS OF GUNNERY ERRORS,
AD-658 598 5E U67 22 MC$ 3.00 MF$ 0.65

GUST LOADS, AIRPLANES
THE LATERAL RESPONSE OF AIRPLANES TO RANDOM ATMOSPHERIC TURBULENCE.
PB-175 874 1C U67 22 MC$ 3.00 MF$ 0.65

GUST LOADS, CONTROL SYSTEMS
CONTROL OF FLEXIBLE AIRCRAFT DYNAMIC RESPONSE,
AD-658 524 1G U67 22 MC$ 3.00 MF$ 0.65

HAIL, TROPICAL REGIONS
HAIL INCIDENCE IN THE TROPICS.
AD-658 948 4B U67 22

HAITI, CLIMATOLOGY
AN ANNOTATED BIBLIOGRAPHY ON THE CLIMATE OF HAITI,
PB-176 003 4B U67 22 MC$ 3.00 MF$ 0.65

HALF LIFE, TITANIUM
THE HALF-LIFE AND MASS OF 43TI,
AD-658 662 18H U67 22

HALL EFFECT, FILMS
TECHNIQUE FOR MEASURING THE HALL EFFECT IN HIGH RESISTIVITY THIN FILMS.
AD-659 024 20C U67 22 MC$ 3.00 MF$ 0.65

HALOCARBON PLASTICS, FIRE RESISTANT TEXTILES
COMBUSTIBILITY TESTS ON SEVERAL FLAME-RESISTANT FABRICS IN COMPRESSED AIR, OXYGEN-ENRICHED AIR, AND PURE OXYGEN,
AD-658 953 11E U67 22

HALOGEN COMPOUND
THE AMMONOLYSIS OF CHLORINE OXIDES AND OF CHLOROXIFLUORIDES. COMPARING CONDUCTIVITY TESTS AN THE HALOGEN AMINES IN VOLATILE SOLUTION.
N67-36663 7B S05 21 MC$ 3.00 MF$ 0.65

HALOGENATED HYDROCARBONS, SYNTHESIS(CHEMISTRY)
TRIFLUOROMETHYL FLUOROFORMATE.
AD-658 848 7C U67 22 MC$ 3.00 MF$ 0.65

HANDS, PROSTHETICS
ELECTRONIC ADJUSTABLE PREHENSION HAND.
AD-658 982 6L U67 22 MC$ 3.00 MF$ 0.65

HARTREE-FOCK APPROXIMATION, ATOMIC ORBITALS
HARTREE-FOCK THEORY SLATER DETERMINANTS OF MINIMUM ENERGY.
AD-658 907 7D U67 22

HARTREE-FOCK APPROXIMATION, NUCLEAR REACTIONS
COMPTON SCATTERING FACTORS FOR SPHERICALLY SYMMETRIC FREE ATOMS,
LA-3689 20H N21 19 MC$ 3.00 MF$ 0.65

HAZARDS, EXHAUST GASES

CARBON MONOXIDE HAZARD FROM EXHAUST GASES IN TANKS THAT ARE IN TOW.
AD-658 568 13L U67 22 HC$ 3.00 MF$ 0.65

TEST OF CARBON MONOXIDE HAZARD FROM ENGINE IN LIGHT TANK, M24,
AD-658 570 13L U67 22 HC$ 3.00 MF$ 0.65

HEALTH
EXTREMAL FACTORS OF LONG-TERM SPACE FLIGHT AND HEALTH REQUIREMENTS FOR SPACECRAFT CREWS.
N67-36480 6S S05 21 HC$ 3.00 MF$ 0.65

HEAT TRANSFER
A DIGITAL COMPUTER PROGRAM FOR CALCULATING STEADY TEMPERATURE AND DENSITY DISTRIBUTIONS IN A GAS CONTAINING HEAT SOURCES.
N67-35762 18K S05 21 HC$ 3.00 MF$ 0.65

CORRELATION OF FRICTION COEFFICIENTS FOR LAMINAR AND TURBULENT FLOW WITH RATIOS OF SURFACE TO BULK TEMPERATURE FROM 0.35 TO 7.35.
N67-35763 20U S05 21 HC$ 3.00 MF$ 0.65

HEAT TRANSFER IN 30 DEG AND 60 DEG HALF-ANGLE OF CONVERGENCE NOZZLES WITH VARIOUS DIAMETER UNCOOLED PIPE INLETS.
N67-35937 20M S05 21 HC$ 3.00 MF$ 0.65

HEAT TRANSFER, SUPERSONIC FLOW
EXPERIMENTAL INVESTIGATION OF HEAT EXCHANGE OF FLAT PLATE IN SUPERSONIC RAREFIED GAS FLOW.
AD-659 023 20D U67 22 HC$ 3.00 MF$ 0.65

HEAT TREATMENT
BASIC TYPES OF DEFORMATION MICRO-CONTOURS APPEARING ON THE SURFACE OF COMMERCIAL IRON TEST-PIECES DURING FATIGUE TESTING UNDER HEATING IN VACUO.
N67-36191 11F S05 21 HC$ 3.00 MF$ 0.65

HEAT TREATMENT, STRUCTURAL PROPERTIES
PROPERTIES OF SEVERAL STRUCTURAL U-MO-CR-V-TI ALLOYS.
AD-658 679 11F U67 22 HC$ 3.00 MF$ 0.65

HEATER
ELECTRICAL HEATER FOR LIQUID METALS AT ELEVATED TEMPERATURES.
N67-35310 13A S05 21 HC$ 3.00 MF$ 0.65

HEAT-TRANSFER COEFFICIENT
EXPERIMENTAL HEAT-TRANSFER STUDY OF A REGENERATIVELY COOLED HYDROGEN-FLUORINE ROCKET ENGINE AT LOW CHAMBER PRESSURE.
N67-35667 21M S05 21 HC$ 3.00 MF$ 0.65

HELICOPTER PERFORMANCE
THE APPLICATION OF NON-DIMENSIONAL METHODS TO THE PLANNING OF HELICOPTER PERFORMANCE FLIGHT TRIALS AND THE ANALYSIS OF RESULTS.
N67-36154 1C S05 21 HC$ 3.00 MF$ 0.65

HELIUM PLASMA
VOLUME ION PRODUCTION COSTS IN TENUOUS PLASMAS - A GENERAL ATOM THEORY AND DETAILED RESULTS FOR HELIUM, ARGON, AND CESIUM.
N67-35363 20I S05 21 HC$ 3.00 MF$ 0.65

HELIUM, ELASTIC SCATTERING
OPTICAL PARAMETERS FOR THE ELASTIC SCATTERING OF 3HE BY 4HE.
AD-658 666 20H U67 22

HELIUM, SCATTERING
SCATTERING OF HIGH-VELOCITY NEUTRAL PARTICLES. XV. HE-H2.
AD-658 758 7D U67 22

HELIUM, SKIN FRICTION
TURBULENT SKIN FRICTION AT HIGH MACH NUMBERS AND REYNOLDS NUMBERS IN AIR AND HELIUM.
PB-175 887 1A U67 22 HC$ 3.00 MF$ 0.65

HELMETS, DESIGN
STUDY OF HEAD PROTECTION FOR TANK CREWS, FIRST PARTIAL REPORT.
AD-658 560 15E U67 22 HC$ 3.00 MF$ 0.65

HEMOGLOBIN, CHEMICAL REACTIONS
REACTION OF MYOGLOBIN WITH 3,3-TETRAMETHYLENEGLUTARIC ANHYDRIDE,
AD-658 417 6A U67 22

HEMOGLOBIN, KINETICS
THE GLOMERULAR FILTRATION OF HEMOGLOBIN A PROPOSED MECHANISM.
AD-658 976 6P U67 22 HC$ 3.00 MF$ 0.65

HEMOGLOBIN, MOLECULAR ASSOCIATION
THE EFFECT OF SULFHYDRYL REAGENTS ON THE BINDING OF HUMAN HEMOGLOBIN TO HAPTOGLOBIN.
AD-658 988 6A U67 22 HC$ 3.00 MF$ 0.65

HEMOGLOBIN, OXIDATION
PERIODATE OXIDATION OF SPERM-WHALE MYOGLOBIN AND THE ROLE OF THE METHIONINE RESIDUES IN THE ANTIGEN-ANTIBODY REACTION.
AD-658 644 6A U67 22

HIGH FREQUENCY
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY.
N67-36030 20I S05 21 HC$ 3.00 MF$ 0.65

HIGH FREQUENCY, ANTENNA RADIATION PATTERNS
LINEAR HIGH FREQUENCY ANTENNAS OVER A FINITELY CONDUCTING SPHERICAL EARTH.
AD-809 305 20N U67 22 HC$ 3.00 MF$ 0.65

HIGH STRENGTH ALLOY
RESEARCH ON MECHANISMS OF ALLOY STRENGTHENING SEMIANNUAL REPORT.
N67-35349 11F S05 21 HC$ 3.00 MF$ 0.65

HIGH TEMPERATURE LUBRICANT
PRELIMINARY DETERMINATIONS OF TEMPERATURE LIMITATIONS OF ESTER, ETHER, AND HYDROCARBON BASE LUBRICANTS IN 25-MM BORE BALL BEARINGS.
N67-35751 11H S05 21 HC$ 3.00 MF$ 0.65

HIGH TEMPERATURE RESEARCH
SHOCK TUBE STUDY OF THE THERMAL CONDUCTIVITY OF ARGON.
N67-36419 20M S05 21 HC$ 3.00 MF$ 0.65

HISTORY, TACTICAL WARFARE
AIR-TO-AIR COMBAT IN WORLD WAR II A QUANTITATIVE HISTORY.
AD-659 043 15G U67 22 HC$ 3.00 MF$ 0.65

HOLMIUM, ATOMIC SPECTROSCOPY
SPECTRUM OF HO I#1,
AD-659 000 7D U67 22

HOLOGRAPHY
THE UTILIZATION OF THE HOLOGRAPH IN THE AREA OF AERODYNAMICS.
N67-36284 1A S05 21 HC$ 3.00 MF$ 0.65

HUMAN BODY
USE OF ULTRASONICS TO INVESTIGATE SOFT TISSUE THICKNESSES ON THE HUMAN CHEST.
N67-35845 6C S05 21 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING
STUDY OF ASTRONAUT CAPABILITIES TO PERFORM EXTRAVEHICULAR MAINTENANCE AND ASSEMBLY FUNCTIONS IN WEIGHTLESS CONDITIONS.
N67-36491 22A S05 21 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, AUTOMATION
A PROFILE OF HUMAN FACTOR REQUIREMENTS IN THE MARITIME INDUSTRY,
PB-175 940 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, BINOCULARS
BINOCULAR MODIFICATION PROVIDING QUICK ADJUSTMENT OF INTERPUPILLARY DISTANCE AND DIOPTER SETTING.
AD-658 602 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, EJECTION SEATS
TWO-HANDED RETENTION ON VARIOUS HANDLE CONFIGURATIONS.
AD-658 441 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, GUN SIGHTS
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE,
AD-658 589 5G U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, GUN TURRETS
SUGGESTED MODIFICATIONS IN THE TURRET OF THE M5A1 TANK TO IMPROVE GUNNER-COMMANDER'S POSITION, USE OF SIGHTS AND OPERATION OF CONTROL,
AD-658 639 5G U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, GUNNERY
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
AD-658 590 5G U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, GUNNERY TRAINERS
STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
AD-658 588 5E U67 22 HC$ 3.00 MF$ 0.65

AD-658 591 5E U67 22 HC$ 3.00 MF$ 0.65

STUDY OF ERRORS IN FIELD ARTILLERY PRACTICE.
AD-658 592 5G U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, KITCHEN EQUIPMENT + SUPPLIES
TREATMENT OF MESS KITS TO REMOVE GLARE.
AD-658 627 5G U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, MACHINE GUNS
DETERMINATION OF THE SOURCES, MAGNETUDE AND COSTS OF GUNNERY ERRORS,
AD-658 598 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, PERISCOPIC GUN SIGHTS
REPORT ON PERISCOPIC SIGHT T8 AND MOUNT T105,
AD-658 584 5G U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, SYMPOSIA
ANNUAL ARMY HUMAN FACTORS RESEARCH AND DEVELOPMENT CONFERENCE (12TH) HELD AT THE U. S. ARMY INFANTRY CENTER, FORT BENNING, GEORGIA, 2-5 OCTOBER 1966.
AD-805 030 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, TANKS(COMBAT VEHICLES)
ADEQUATE HEAD ROOM IN TANKS.
AD-658 561 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF T26E3 TANK,
AD-658 593 5G U67 22 HC$ 3.00 MF$ 0.65

OPERATIONAL AND PHYSIOLOGICAL CHARACTERISTICS OF THE TANK T26E3, (M26).
AD-658 594 5G U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL CHARACTERISTICS OF THE T25E1-T26E1 TANK. CONTROL OF GUN FUME HAZARD,
AD-658 596 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF TANK T25E1.
AD-658 630 5E U67 22 HC$ 3.00 MF$ 0.65

ANALYSIS OF PHYSIOLOGICAL CHARACTERISTICS OF T9E1 TANK,
AD-658 640 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF M-24 TANK.
AD-658 641 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL CHARACTERISTICS OF T23 TANK.
AD-658 643 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING, TRAINING GEAR
MANUAL TRAVERSING EFFORT IN TANKS,
AD-658 624 5E U67 22 HC$ 3.00 MF$ 0.65

HUMAN FACTOR
RESEARCH AND ADVANCED DEVELOPMENT. VOLUME II - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF ADVANCED RESEARCH AND TECHNOLOGY, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.
N67-36013 22B S05 21 HC$ 3.00 MF$ 0.65

HUMANS, ATTITUDES
THE MODERNIZATION OF MAN,
AD-658 956 5J U67 22

HYDRAULICS
JPDR THERMAL AND HYDRAULIC CHARACTERISTICS MEASURED BY AN INSTRUMENTED FUEL ASSEMBLY (4FA) AND THEIR ANALYSES BY A COMPUTER CODE ** J P- HYDRO**.
N67-36144 18I S05 21 HC$ 3.00 MF$ 0.65

HYDRAZINE, COLORIMETRIC ANALYSIS
COLORIMETRIC PERSONAL DOSIMETER FOR HYDRAZINE FUELS.
AD-658 462 6A U67 22 HC$ 3.00 MF$ 0.65

HYDRIDES, ELECTRON TRANSITIONS
THE A(3)X(0-) TO X(1)SIGMA(+) TRANSITION OF THE GAH MOLECULE,
AD-658 908 7D U67 22

HYDROCARBON
PRELIMINARY DETERMINATIONS OF TEMPERATURE LIMITATIONS OF ESTER, ETHER, AND HYDROCARBON BASE LUBRICANTS IN 25-MM BORE BALL BEARINGS.
N67-35751 11H S05 21 HC$ 3.00 MF$ 0.65

HYDRODYNAMIC STABILITY
APPLICATION OF LYAPUNOV STABILITY THEORY TO SOME NONLINEAR PROBLEMS IN HYDRODYNAMICS.
N67-35738 20D S05 21 HC$ 3.00 MF$ 0.65

HYDROGEN
FEASIBILITY STUDY FOR A HYDROGEN GAS LEAK DETECTION SYSTEM AS REQUIRED FOR USE ON INFLIGHT EXPERIMENTS FINAL REPORT, 1 JUL. 1966 - 25 JAN. 1967.
N67-35358 14B S05 21 HC$ 3.00 MF$ 0.65

THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
N67-36422 3B S05 21 HC$ 3.00 MF$ 0.65

HYDROGEN EMBRITTLEMENT, TITANIUM ALLOYS
CERTAIN GENERAL PATTERNS IN THE OCCURRENCE OF HYDROGEN BRITTLENESS IN THE ALLOYS VT3-1 AND VT15,
AD-658 989 11F U67 22 HC$ 3.00 MF$ 0.65

HYDROGEN, GAS IONIZATION
DISSOCIATIVE IONIZATION OF H2 AND D2.
AD-658 884 7D U67 22

HYDROGEN, REACTION KINETICS
EXPERIMENTAL AND ANALYTICAL STUDY OF THE H2-AIR REACTION KINETICS USING A STANDING-WAVE NORMAL SHOCK.
AD-658 434 21B U67 22 HC$ 3.00 MF$ 0.65

HYDROGEN, SCATTERING
SCATTERING OF HIGH-VELOCITY NEUTRAL PARTICLES. XV. HE-H2.
AD-658 758 7D U67 22

ALMOST *HEAD-ON* COLLISIONS IN THE SCATTERING OF FAST ARGON ATOMS BY HYDROGEN ISOTOPES.
AD-658 759 7D U67 22

HYDROGEN, WAVE FUNCTIONS
A NUMERICAL SINGLE-CENTER SELF-CONSISTENT FIELD FUNCTION FOR THE HYDROGEN MOLECULE,
AD-658 467 20J U67 22 HC$ 3.00 MF$ 0.65

USE OF LINEAR NONSYMMETRIC EIGENVALUE EQUATIONS FOR A SUM-OVER-POINTS APPROACH APPLICATION TO H2+,
AD-658 793 20J U67 22 HC$ 3.00 MF$ 0.65

HYDROSTATIC PRESSURE, LOADING(MECHANICS)
ANALOG COMPUTER STUDY OF THE DYNAMICS OF THE MRP COMBINED ROTATING UNIT SHAFT-BEARING SYSTEM. HYDROSTATIC FORCE IMPROVEMENT,
NAA-SR-12411 18I N21 19 HC$ 3.00 MF$ 0.65

HYGROMETERS, CALIBRATION
SUBGRADE MOISTURE VARIATIONS. A PRELIMINARY STANDARDIZATION AND CALIBRATION PROCEDURE FOR NUCLEAR DEPTH MOISTURE/DENSITY GAGES.
PB-175 950 14B U67 22 HC$ 3.00 MF$ 0.65

HYPEROXIA
CONTENT OF AMINO-ACIDS IN THE DIFFERENT AREAS OF THE BRAIN UNDER CONDITIONS OF HYPEROXIA.
N67-35903 6P S05 21 HC$ 3.00 MF$ 0.65

HYPERSONIC FLOW, WAKE
FLUID PHYSICS OF HYPERSONIC WAKES, VOLUME I.
AD-658 705 20D U67 22 HC$ 3.00 MF$ 0.65

FLUID PHYSICS OF HYPERSONIC WAKES, VOLUME II.
AD-658 706 20D U67 22 HC$ 3.00 MF$ 0.65

HYPERSONIC REENTRY
AERODYNAMIC STUDY OF STAGNATION ABLATION.
N67-36099 1A S05 21 HC$ 3.00 MF$ 0.65

HYPERSONIC SPEED
HYPERSONIC AERODYNAMIC CHARACTERISTICS OF MINIMUM-WAVE-DRAG BODIES HAVING VARIATIONS IN CROSS-SECTIONAL SHAPE.
N67-35728 1A S05 21 HC$ 3.00 MF$ 0.65

HYPNOSIS, PAIN
A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH HYPNOTIC SUGGESTION,
AD-659 021 5J U67 22

HYPNOTICS + SEDATIVES, PSYCHOPHYSIOLOGY
EFFECTS OF THIOPENTAL SEDATION ON LEARNING AND MEMORY.
AD-659 018 5J U67 22

ICE, BRIDGES
INSULATION OF BRIDGE DECKS FOR ICE PREVENTION AND REDUCTION OF FREEZE-THAW CYCLES.
PB-176 076 13H U67 22 HC$ 3.00 MF$ 0.65

IDENTIFICATION
RESEARCH ON GAS CHROMATOGRAPHIC SYSTEMS TO ANALYZE CERTAIN CHEMICAL CONSTITUENTS OF THE SURFACE OF THE MOON PROGRESS REPORT, 1 JAN. - 30 JUN. 1967.
N67-36639 7C S05 21 HC$ 3.00 MF$ 0.65

IMAGES, COMPUTERS
AN IMAGE STORAGE TUBE COMPUTER.
AD-658 521 9B U67 22 HC$ 3.00 MF$ 0.65

IMAGING TECHNIQUE
BISTATIC-RADAR IMAGING AND MEASUREMENT TECHNIQUES FOR THE STUDY OF PLANETARY SURFACES.
N67-36611 9F S05 21 HC$ 3.00 MF$ 0.65

IMMUNE SERUMS, ANTIGENS + ANTIBODIES
EXAMINATION FOR COMPLEMENT-REQUIRING NEUTRALIZING ANTIBODIES AGAINST JAPANESE ENCEPHALITIS, WESTERN EQUINE ENCEPHALITIS AND VACCINIA VIRUSES.
AD-658 688 6M U67 22 HC$ 3.00 MF$ 0.65

IMMUNE SERUMS, EFFECTIVENESS
EFFECT OF THE ROUTE OF ADMINISTRATION ON THE NEUTRALIZING POTENCY OF ANTIVENINS.
AD-658 974 6I U67 22 HC$ 3.00 MF$ 0.65

IMMUNOLOGY, LYMPHOCYTES
THE IMMUNOLOGIC REACTIVITY OF LONG-LIVED LYMPHOCYTES IN SITU IN RAT POPLITEAL LYMPH NODES,
AD-659 027 6P U67 22 HC$ 3.00 MF$ 0.65

IMMUNOLOGY, RADIATION EFFECTS
HOMOGRAFT RESPONSE IN ADULT-THYMECTOMIZED MICE DEFICIENCY WITH AGING AND AFTER LOW DOSE-RATE GAMMA-IRRADIATION,
AD-659 026 6R U67 22 HC$ 3.00 MF$ 0.65

IMMUNOLOGY, VENOMS
IMMUNOGENIC RESPONSE OF THE VENOMS OF FER-DE-LANCE (BOTHROPS ATROX ASPER) AND LACASCABELLA (CROTALUS DURISSUS DURISSUS) FOLLOWING PHOTOOXIDATIVE DETOXIFICATION.
AD-658 972 6I U67 22 HC$ 3.00 MF$ 0.65

IMMUNIZATION &TUDIES WITH NAJA NAJA VENOM DETOXIFIED BY PHOTOOXIDATION.
AD-658 973 6I U67 22 HC$ 3.00 MF$ 0.65

EFFECT OF THE ROUTE OF ADMINISTRATION ON THE NEUTRALIZING POTENCY OF ANTIVENINS.
AD-658 974 6I U67 22 HC$ 3.00 MF$ 0.65

IMPACT ACCELERATION
STUDY OF THE CUMULATIVE EFFECT OF IMPACT ACCELERATIONS.
N67-36123 6S S05 21 HC$ 3.00 MF$ 0.65

IMPACT DAMAGE
METEOROID DAMAGE TO FILAMENTARY STRUCTURES.
N67-35736 3B S05 21 HC$ 3.00 MF$ 0.65

IMPACT PRESSURE
A STUDY OF ROTATIONAL RELAXATION IN A LOW- DENSITY HYPERSONIC FREE JET BY MEANS OF IMPACT-PRESSURE MEASUREMENTS.
N67-36171 7D S05 21 HC$ 3.00 MF$ 0.65

IMPACT TEST
DYNAMIC MODEL INVESTIGATION OF WATER PRESSURES AND ACCELERATIONS ENCOUNTERED DURING LANDINGS OF THE APOLLO SPACECRAFT.
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INCANDESCENCE
LIGHT SOURCES FOR REMOTE SENSING SYSTEMS.
N67-36490 20F S05 21 HC$ 3.00 MF$ 0.65

INCOMPRESSIBLE FLOW, STABILITY
STABILITY OF A HORIZONTAL FLUID LAYER WITH UNSTEADY HEATING FROM BELOW AND TIME-DEPENDENT BODY FORCE.
PB-175 824 20M U67 22 HC$ 3.00 MF$ 0.65

INCOMPRESSIBLE FLUID
LIQUID SLOSHING IN ELASTIC CONTAINERS.

N67-35758 20D S05 21 HC$ 3.00 MF$ 0.65

INDIUM ALLOYS, MAGNETO-OPTIC EFFECT
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INAS AND INSB AT 1.5K.
AD-658 835 20L U67 22 HC$ 3.00 MF$ 0.65

INDIUM ANTIMONIDES, CYCLOTRON RESONANCE PHENOMENA
POLARON EFFECTS IN THE CYCLOTRON-RESONANCE ABSORPTION OF INSB.
AD-658 789 20L U67 22

INDIUM ANTIMONIDES, MAGNETO-OPTIC EFFECT
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INAS AND INSB AT 1.5K.
AD-658 835 20L U67 22 HC$ 3.00 MF$ 0.65

INDIUM ANTIMONIDES, PHASE STUDIES
NEW PHASE TRANSFORMATION IN INSB AT HIGH PRESSURE AND HIGH TEMPERATURE.
AD-658 915 7D U67 22

INDIUM ANTIMONIDES, PLASMA MEDIUM
MICROWAVE EMISSION FROM NONEQUILIBRIUM PLASMAS IN INSB SUBJECT TO MAGNETIC FIELDS.
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INDIUM, SEMICONDUCTORS
HOT ELECTRON POLAR SCATTERING IN INSB.
AD-658 452 20L U67 22 HC$ 3.00 MF$ 0.65

INEQUALITIES, MATHEMATICAL MODELS
DISTRIBUTION OF THE RESIDUAL SUM OF SQUARES IN FITTING INEQUALITIES.
AD-658 785 12A U67 22

INERTIAL GUIDANCE
ALIGNMENT OF INERTIAL SYSTEMS ON A MOVING BASE.
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PRELIMINARY STUDY OF INERTIAL GUIDANCE LAWS.
N67-35929 22C S05 21 HC$ 3.00 MF$ 0.65

INERTIAL NAVIGATION, SIMULATION
COMPUTER SIMULATION OF PINSAC MASTER INERTIAL NAVIGATION SYSTEM.
AD-658 528 17G U67 22 HC$ 3.00 MF$ 0.65

INFORMATION RETRIEVAL
AUTOMATED LITERATURE PROCESSING HANDLING AND ANALYSIS SYSTEM - FIRST GENERATION.
N67-36582 5B S05 21 HC$ 3.00 MF$ 0.65

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US ARMY CHEMICAL INFORMATION AND DATA SYSTEM.
AD-808 736 5B U67 22 HC$ 3.00 MF$ 0.65

INFORMATION RETRIEVAL, DIGITAL COMPUTERS
THE MADAM SYSTEM DATA MANAGEMENT WITH A SMALL COMPUTER.
AD-658 472 5A U67 22 HC$ 3.00 MF$ 0.65

INFORMATION RETRIEVAL, MANAGEMENT PLANNING
ESSA/SIDD LIBRARY BRANCH SURVEY.
PB-175 962 5B U67 22 HC$ 3.00 MF$ 0.65

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MULTIPLE TEST OF ABC METHOD. PART III. MATHEMATICAL MODEL.
AD-658 668 5B U67 22 HC$ 3.00 MF$ 0.65

INFORMATION RETRIEVAL, SCIENTIFIC PERSONNEL
THE ZOO AND THE JUNGLE - A COMPARISON OF THE INFORMATION PRACTICES OF INTELLIGENCE ANALYSIS AND OF SCIENTISTS.
AD-658 942 5B U67 22

INFORMATION THEORY, ANALOG-TO-DIGITAL CONVERTERS
ANALOG SOURCE DIGITIZATION A COMPARISON OF THEORY AND PRACTICE.
AD-658 776 9D U67 22

INFORMATION THEORY, CODING
A CODING THEOREM FOR A CLASS OF UNKNOWN CHANNELS.
AD-658 778 9D U67 22

INFORMATION THEORY, SCIENTIFIC RESEARCH
THE ZOO AND THE JUNGLE - A COMPARISON OF THE INFORMATION PRACTICES OF INTELLIGENCE ANALYSIS AND OF SCIENTISTS.
AD-658 942 5B U67 22

INFORMATION THEORY, STATISTICAL ANALYSIS
THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME I.
AD-658 613 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME II.
AD-658 614 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME III.
AD-658 615 9D U67 22

INFRARED SPECTROSCOPY, INSTRUMENTATION
RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY.
AD-659 042 20F U67 22

INFRARED SPECTROSCOPY, SPECTROMETERS
INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE.
AD-658 886 20F U67 22 HC$ 3.00 MF$ 0.65

INGESTION(PHYSIOLOGY), RADIATION SICKNESS
AVERSION TO SUCROSE PRODUCED BY CONTINGENT X-IRRADIATION TEMPORAL AND DOSAGE PARAMETERS.
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INJUN SATELLITE
GEOMAGNETICALLY TRAPPED ALPHA PARTICLES.
N67-36120 4A S05 21 HC$ 3.00 MF$ 0.65

INPUT
INPUT ADMITTANCE OF A COAXIAL TRANSMISSION LINE OPENING ONTO A FLAT, DIELECTRIC- COVERED GROUND PLANE.
N67-35734 9F S05 21 HC$ 3.00 MF$ 0.65

INPUT-OUTPUT DEVICES, CODING
DEVELOPMENT OF COMPUTER AIDS FOR TAPE-CONTROL OF PHOTOCOMPOSING MACHINES. REPORT NO. 2. EXTENSION OF THE SYSTEM OF PREPARING A COMPUTER-PROCESSED TAPE TO INCLUDE THE SETTING OF MULTIPLE LINE EQUATIONS.
PB-175 939 14B U67 22 HC$ 3.00 MF$ 0.65

INPUT-OUTPUT DEVICES, TIME SHARING
A GRAPHIC TABLET DISPLAY CONSOLE FOR USE UNDER TIME-SHARING.
AD-658 470 9B U67 22 HC$ 3.00 MF$ 0.65

INSECTS, CELLS(BIOLOGY)
RESISTANCE TO INJURY IN INSECT CELLS DURING DIAPAUSE.
AD-658 852 6C U67 22 HC$ 3.00 MF$ 0.65

INSTRUMENTATION, AURORAE
STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES.
AD-658 466 4A U67 22 HC$ 3.00 MF$ 0.65

INSTRUMENTATION, BALLOONS
BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN.
AD-659 051 17H U67 22 HC$ 3.00 MF$ 0.65

INSTRUMENTATION, METEOROLOGICAL BALLOONS
DESIGN FOR ORIENTATION BALLOON-BORNE EQUIPMENT.
AD-658 529 14B U67 22 HC$ 3.00 MF$ 0.65

INTEGRAL TRANSFORMS, ITERATIVE METHODS
TIME-DOMAIN APPROXIMATION BY ITERATIVE METHODS.
AD-658 810 9A U67 22

INTEGRATED CIRCUIT
DESIGN AND FABRICATION OF AN ANALOG VOLTAGE TO DUTY CYCLE GENERATOR INTERIM PROGRESS REPORT.
N67-36031 9A S05 21 HC$ 3.00 MF$ 0.65

INTEGRATION
INTEGRATION IN LOCALLY COMPACT SPACES BY MEANS OF UNIFORMLY DISTRIBUTED SEQUENCES.
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INTEGRATION, FUNCTIONS
ON THE STRUCTURE OF THE ISOTOPIC TRANSPORT OPERATORS IN THREE INDEPENDENT SPACE VARIABLES.
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INTERFEROMETER
THE UTILIZATION OF THE HOLOGRAPH IN THE AREA OF AERODYNAMICS.
N67-36284 1A S05 21 HC$ 3.00 MF$ 0.65

INTERNAL CONVERSION, TABLES
TABLES OF ELECTRON WAVEFUNCTIONS AND ASSOCIATED DATA.
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INTERPLANETARY COMMUNICATION
ESFK 20-100 WATT S-BAND AMPLIFIER.
N67-35999 9A S05 21 HC$ 3.00 MF$ 0.65

INTERPLANETARY MAGNETIC FIELD
DIFFUSION OF SOLAR COSMIC RAYS AND THE POWER SPECTRUM OF THE INTERPLANETARY MAGNETIC FIELD.
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INTERPOLATION, SAMPLING
OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS.
AD-658 862 12B U67 22 HC$ 3.00 MF$ 0.65

INTERSTELLAR GAS
THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
N67-36422 3B S05 21 HC$ 3.00 MF$ 0.65

INTERSTELLAR MATTER, ABSORPTION SPECTRUM
ON THE FINE STRUCTURE OF ABSORPTION LINES.
AD-658 693 3B U67 22

INVENTORY CONTROL, AIR FORCE EQUIPMENT
SOME LINEAR PROGRAMMING APPLICATIONS TO STOCKAGE PROBLEMS.
AD-658 823 15G U67 22 HC$ 3.00 MF$ 0.65

IN-FLIGHT MONITORING
FEASIBILITY STUDY FOR A HYDROGEN GAS LEAK DETECTION SYSTEM AS REQUIRED FOR USE ON INFLIGHT EXPERIMENTS FINAL REPORT, 1 JUL. 1966 - 25 JAN. 1967.
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ION BEAMS, PLASMA PHYSICS
PLASMA DENSITY CONTOUR MEASUREMENTS USING MOLECULAR ION BEAM BREAKUP.
AD-659 020 20I U67 22

ION DENSITY
MODIFICATIONS OF ION-DENSITIES DUE TO TEMPERATURE VARIATIONS.
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HOT-WIRE CALORIMETRY THEORY AND APPLICATION TO ION ROCKET RESEARCH.
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ION PRODUCTION
VOLUME ION PRODUCTION COSTS IN TENUOUS PLASMAS - A GENERAL ATOM THEORY AND DETAILED RESULTS FOR HELIUM, ARGON, AND CESIUM.
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IONIZATION GAUGE
STUDY OF LOW PRESSURE APPLICATION OF THE ORBITRON.
N67-35672 14B S05 21 HC$ 3.00 MF$ 0.65

IONOSPHERE, ELECTRON DENSITY
RADIO SCIENCE.
AD-658 751 84A U67 22

IONOSPHERE, ELECTRONS
ELECTRON TEMPERATURE AND ION COMPOSITION IN THE F1 REGION.
AD-658 912 4A U67 22

IONOSPHERE, INSTRUMENTATION
A SOLID STATE POLARIMETER SUITABLE FOR ROCKETBORNE IONOSPHERIC DIFFERENTIAL ABSORPTION MEASUREMENTS,
AD-658 451 4A U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERE, IONIZATION
IONIZATION AND DE-IONIZATION IN THE LOWER IONOSPHERE.
AD-618 467 4A U67 22 HC$ 3.00

IONOSPHERE, MEASUREMENT
MIDLATITUDE F REGION DENSITIES AND TEMPERATURES AT SUNSPOT MINIMUM.
AD-658 837 4A U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERE, MECHANICAL WAVES
ACOUSTIC WAVES IN THE IONOSPHERE,
AD-658 449 4A U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERE, RECOMBINATION REACTIONS
D-REGION PROCESSES IN NON-POLAR LATITUDES,
AD-658 450 4A U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERE, SYMPOSIA
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON EQUATORIAL AERONOMY (2D),
AD-658 489 4A U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERIC CURRENT
MAGNETIC AND VELOCITY EFFECTS ON IONOSPHERIC ELECTRON CURRENT TO CYLINDRICAL ELECTROSTATIC PROBES.
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IONOSPHERIC DISTURBANCES, SOLAR FLARES
IONIZATION AND DE-IONIZATION IN THE LOWER IONOSPHERE.
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IONOSPHERIC PROPAGATION
TRANSIONOSPHERIC PROPAGATION OF FM SIGNALS.
N67-35529 17B S05 21 HC$ 3.00 MF$ 0.65

IONOSPHERIC PROPAGATION, EXTREMELY LOW FREQUENCY
PROPAGATION OF ELF AND VLF WAVES BELOW AN ANISOTROPIC IONOSPHERE WITH A DIPPING STATIC MAGNETIC FIELD.
AD-658 534 20N U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERIC PROPAGATION, IONOSPHERIC DISTURBANCES
A MODEL FOR PROPAGATION OF ELF AND VLF WAVES BELOW NATURALLY PERTURBED IONOSPHERES.
AD-658 881 20N U67 22 HC$ 3.00 MF$ 0.65

IONOSPHERIC PROPAGATION, LOW FREQUENCY
OBLIQUE INCIDENCE IONOSPHERIC REFLECTIONS OF 100 KHZ PULSES.
AD-658 889 20N U67 22

IRAN, CLIMATOLOGY
BIBLIOGRAPHY ON THE CLIMATE OF IRAN,
PB-176 024 4B U67 22 HC$ 3.00 MF$ 0.65

IRAQ, CLIMATOLOGY
SECONDARY BIBLIOGRAPHY ON THE CLIMATE OF IRAQ.
PB-176 023 4B U67 22 HC$ 3.00 MF$ 0.65

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PB-176 035 4B U67 22 HC$ 3.00 MF$ 0.65

BIBLIOGRAPHY OF CLIMATIC MAPS FOR IRAQ,
PB-176 038 4B U67 22 HC$ 3.00 MF$ 0.65

IRON
BASIC TYPES OF DEFORMATION MICRO-CONTOURS APPEARING ON THE SURFACE OF COMMERCIAL IRON TEST-PIECES DURING FATIGUE TESTING UNDER HEATING IN VACUO.
N67-36191 11F S05 21 HC$ 3.00 MF$ 0.65

IRON, ABSORPTION(BIOLOGICAL)
EFFECT OF ENDOTOXIN ON IRON ABSORPTION,
AD-658 605 6I U67 22

ISOPTERA, CONTROL
THE CONTROL OF TERMITES (COPTOTERMES SPP.) IN BLACKBUTT (EUCALYPTUS PILULARIS),
PB-175 903 6C U67 22 HC$ 3.00 MF$ 0.65

ISOPTERA, TREES
TERMITES OF AUSTRALIAN FOREST TREES.
PB-175 900 2F U67 22 HC$ 3.00 MF$ 0.65

TIMBER LOSSES CAUSED BY TERMITES, DECAY, AND FIRE IN TWO COASTAL FORESTS IN NEW SOUTH WALES,
PB-175 901 2F U67 22 HC$ 3.00 MF$ 0.65

EXPERIMENTS TO DETERMINE THE POPULATIONS OF TREE-DWELLING COLONIES OF TERMITES (COPTOTERMES ACINACIFORMIS (FROGGATT) AND C. FRENCHI HILL),
PB-175 902 6C U67 22 HC$ 3.00 MF$ 0.65

ISOTOPE
ABSOLUTE E1, DELTA K EQUALS 0 TRANSITION RATES IN ODD-MASS PM AND EU-ISOTOPES.
N67-36570 18H S05 21 HC$ 3.00 MF$ 0.65

JET NOISE
SUPERSONIC TRANSPORT AIRPORT AND COMMUNITY JET NOISE DURING TAKEOFF AND INITIAL CLIMB.
N67-35721 1C S05 21 HC$ 3.00 MF$ 0.65

JETS, AERODYNAMIC NOISE
SIMILARITY OF FAR NOISE FIELDS OF JETS.
PB-175 853 20A U67 22 HC$ 3.00 MF$ 0.65

JETS, EXHAUST GASES
A REVIEW OF JET EFFLUX STUDIES APPLICABLE TO V/STOL AIRCRAFT,
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JOINTS, REINFORCING MATERIALS
PHYSICAL TESTING OF MECHANICALLY SPLICED REINFORCING BAR USING A SLEEVE WITH METAL FILLER PROCESS.
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JORDAN, CLIMATOLOGY
ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS OF JORDAN,
PB-176 027 4B U67 22 HC$ 3.00 MF$ 0.65

JOURNAL BEARINGS, SHAFTS
ANALOG COMPUTER STUDY OF THE DYNAMICS OF THE NRP COMBINED ROTATING UNIT SHAFT-BEARING SYSTEM. HYDROSTATIC FORCE IMPROVEMENT,
NAA-SR-12411 18I N21 19 HC$ 3.00 MF$ 0.65

KETONES, CHEMICAL REACTIONS
CYCLOPROPANONES. VI. REACTION OF CYCLOPROPANONE WITH AMINES,
AD-659 017 7C U67 22

KETONES, PHOTOCHEMISTRY
MOLECULAR PHOTOCHEMISTRY. V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS,
AD-659 015 7E U67 22

KIDNEYS, HEMOGLOBIN
THE GLOMERULAR FILTRATION OF HEMOGLOBIN A PROPOSED MECHANISM.
AD-658 976 6P U67 22 HC$ 3.00 MF$ 0.65

KINETIC ENERGY
CHARGED PARTICLE ENERGIZATION BY AN ARBITRARILY MOVING MAGNET.
N67-35888 20H S05 21 HC$ 3.00 MF$ 0.65

KINETIC EQUATION
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY.
N67-36030 20I S05 21 HC$ 3.00 MF$ 0.65

KINETIC THEORY, PLASMA MEDIUM
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS. I GENERAL THEORY,
AD-658 460 20I U67 22 HC$ 3.00 MF$ 0.65

KITCHEN EQUIPMENT + SUPPLIES, FINISHES + FINISHING
TREATMENT OF MESS KITS TO REMOVE GLARE,
AD-658 627 5E U67 22 HC$ 3.00 MF$ 0.65

KLYSTRON
ESFA 20-100 WATT S-BAND AMPLIFIER.
N67-35999 9A S05 21 HC$ 3.00 MF$ 0.65

LABOR, EDUCATION
A DYNAMIC INPUT-OUTPUT MODEL OF THE CALIFORNIA EDUCATIONAL SYSTEM.
AD-659 050 5I U67 22 HC$ 3.00 MF$ 0.65

LABOR, ELASTICITY
COST-BASED PRICING AND LABOR ELASTICITY,
AD-658 428 5C U67 22 HC$ 3.00 MF$ 0.65

LAGRANGE MULTIPLIER
AN EXPLICIT SOLUTION FOR THE LAGRANGE MULTIPLIERS ON THE SINGULAR SUBARC OF AN OPTIMAL TRAJECTORY.
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LAMINAR FLOW
CORRELATION OF FRICTION COEFFICIENTS FOR LAMINAR AND TURBULENT FLOW WITH RATIOS OF SURFACE TO BULK TEMPERATURE FROM 0.35 TO 7.35.
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LANDAU DAMPING
LANDAU DAMPING IN A RELATIVISTIC PLASMA.
N67-36035 20I S05 21 HC$ 3.00 MF$ 0.65

LANDING CRAFT, ATTACHMENT
ROUGH WATER MATING OF ROLL-ON/ROLL-OFF SHIPS WITH BEACH DISCHARGE LIGHTERS.
AD-658 535 13J U67 22 HC$ 3.00 MF$ 0.65

LANDING CRAFT, VIBRATION

VIBRATION MEASUREMENTS OF THE HULL, TRIPOD MAST, PROPULSION SYSTEM, AND RUDDER SYSTEM OF USS AUSTIN (LPD-4).
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LANGMUIR PROBE
THE CONSTRUCTION AND GENERAL PROPERTIES OF A BRUSH CATHODE DISCHARGE.
N67-35893 20I S05 21 HC$ 3.00 MF$ 0.65

LANTHANUM COMPOUNDS, ELECTRON TRANSITIONS
FIRST-ORDER LOCALIZED-ELECTRON = COLLECTIVE-ELECTRON TRANSITION IN LACOO.
AD-658 906 20L U67 22

LAOS, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS OF INDOCHINA,
PB-176 031 4B U67 22 HC$ 3.00 MF$ 0.65

LASER MODE
DEVELOPMENT AND FABRICATION OF RING LASER SYSTEMS.
N67-35629 20E S05 21 HC$ 3.00 MF$ 0.65

LASERS, ABSORPTION
A STUDY OF PHOTON LOSS IN THE ACTIVE AND PASSIVE REGIONS OF A SEMICONDUCTOR LASER.
AD-658 676 20E U67 22 HC$ 3.00 MF$ 0.65

LASERS, DEFLECTION
SELECTIVE ACCESS LASER DISPLAY BEAM POSITIONER.
AD-658 840 20E U67 22 HC$ 3.00 MF$ 0.65

LASERS, DISTORTION
THERMAL EFFECTS IN OPTICALLY PUMPED LASER RODS.
AD-658 677 20E U67 22

LASERS, INFRARED SPECTROSCOPY
RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY.
AD-659 042 20F U67 22

LASERS, LIGHT TRANSMISSION
COHERENT LIGHT TRANSMITTER.
AD-658 858 20E U67 22 HC$ 3.00 MF$ 0.65

LASERS, PHOTOGRAPHIC TECHNIQUES
SIMPLIFICATION OF HOLOGRAPHIC PROCEDURES,
AD-658 522 14E U67 22

LASERS, POWER
THE EFFECT OF 3.39 MICRON SUPERRADIANCE ON THE 0.6328 MICRON OUTPUT POWER OF A HELIUM-NEON LASER.
AD-659 005 20E U67 22 HC$ 3.00 MF$ 0.65

LASERS, PUMPING(OPTICAL)
SHOCK-WAVE-GENERATED PLASMAS AS LIGHT SOURCES FOR OPTICAL PUMPING.
AD-658 535 20E U67 22

MEGAWATT LINE RADIATOR USING SEQUENTIAL INDUCTIVE DISCHARGES,
AD-658 538 20I U67 22

LASERS, STABILITY
STABILITY MEASUREMENTS OF CO2-N2-HE LASERS AT 10.6 MUM WAVELENGTH,
AD-658 783 20E U67 22

LASERS, THERAPY
TEMPERATURE MEASUREMENTS IN EXPERIMENTAL TUMORS FOLLOWING EXPOSURE TO RUBY LASER ENERGY.
AD-658 975 6E U67 22 HC$ 3.00 MF$ 0.65

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SURFACE TEMPERATURE AS A PARAMETER IN ESTIMATING LASER INJURY THRESHOLDS.
AD-658 967 6E U67 22 HC$ 3.00 MF$ 0.65

LATTICE
DETERMINATION OF LATTICE PARAMETERS USING A FEW RODS.
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INVERSION OF CONDUCTION AND VALENCE BANDS IN PBI-XSNXSE ALLOYS,
AD-658 771 20L U67 22

LEAD COMPOUNDS, CYCLOTRON RESONANCE PHENOMENA
MAGNETOPLASMA CYCLOTRON ABSORPTION IN PBSE,
AD-658 770 20L U67 22

LEADERSHIP, GOVERNMENT(FOREIGN)
SOVIET MILITARY POLICY AT THE FIFTY-YEAR MARK,
AD-658 813 5D U67 22 HC$ 3.00 MF$ 0.65

LEADERSHIP, PERCEPTION(PSYCHOLOGY)
QUALITY AND QUANTITY OF CONTRIBUTIONS AS DETERMINANTS OF PERCEIVED ABILITY.
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EFFECTS OF THIOPENTAL SEDATION ON LEARNING AND MEMORY.
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ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 26 MINUTES FILLED WITH AN EASY OR DIFFICULT INFORMATION PROCESSING TASK,
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LEARNING, THEORY
FORMATION OF CONCEPTS,
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ELECTRICAL HEATER FOR LIQUID METALS AT ELEVATED TEMPERATURES.
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LIQUID SLOSHING IN ELASTIC CONTAINERS.
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FLOW OF LIQUID THROUGH MULTIPLE ORIFICES.
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THE EFFECT OF REPEATED STRESSING ON THE BEHAVIOR OF LITHIUM FLUORIDE CRYSTALS.
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A STEADY-STATE FORMULATION FOR THE TRANSIENT RESPONSE OF A REINFORCED CYLINDRICAL SHELL IMMERSED IN A FLUID MEDIUM,
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A THEORETICAL STUDY OF THE CONICAL SPIRAL ANTENNA,
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PLANET PART I. AVAILABILITY AND BASE CADRE SIMULATOR,
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STUDY OF LOW PRESSURE APPLICATION OF THE ORBITRON.
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LUBRICANT
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LUNAR EXPLORATION
RESEARCH AND ADVANCED DEVELOPMENT. VOLUME I - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF SPACE SCIENCES AND APPLICATIONS, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.
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LUNAR ORBITER 4. EXTENDED-MISSION SPACECRAFT SUBSYSTEM PERFORMANCE.
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LUNAR FAR-SIDE COMMUNICATION SATELLITES.
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TOWARD A GRASP OF PROCEDURE IN ALGORITHMIC LANGUAGES.
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MACHINE SHOP, MACHINE REPAIRS HANDBOOK. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
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STANDARD FOR COLOR CODE FOR SHOP MACHINERY AND EQUIPMENT.
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MACHINE TOOLS, MAINTENANCE
MACHINE SHOP, MACHINE REPAIRS HANDBOOK. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
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MACHINES, AUTOMATION
THE MARKET FOR PLASTICS PRODUCTION EQUIPMENT, RAW MATERIALS AND SEMI-FINISHED PRODUCTS IN ITALY.
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MAGNESIUM COMPOUNDS, HIGH-TEMPERATURE RESEARCH
HIGH-TEMPERATURE ELASTICITY AND EXPANSIVITY OF FORSTERITE AND STEATITE.
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MAGNESIUM, ALPHA PARTICLES
AMBIGUITIES IN THE OPTICAL-MODEL ANALYSIS OF ALPHA-PARTICLE SCATTERING.
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MAGNETIC EFFECT
BIOMAGNETICS - CONSIDERATIONS RELEVANT TO MANNED SPACE FLIGHT.
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ELECTRON OMNIDIRECTIONAL INTENSITY CONTOURS IN THE EARTH'S OUTER RADIATION ZONE AT THE MAGNETIC EQUATOR.
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CHARGED PARTICLE ENERGIZATION BY AN ARBITRARILY MOVING MAGNET.
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MAGNETIC AND VELOCITY EFFECTS ON IONOSPHERIC ELECTRON CURRENT TO CYLINDRICAL ELECTROSTATIC PROBES.
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EXACT SEMICLASSICAL THEORY FOR GALVANOMAGNETIC EFFECTS IN METALS.
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ELECTRIC ARC DISCHARGES IN TRANSVERSE MAGNETIC FIELDS. PART I.
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MAGNETODIELECTRICS.
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EXPLORATORY RESEARCH OF MAGNETIC MATERIALS BY ULTRASONIC TECHNIQUES.
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EXPERIMENTAL TECHNIQUES WITH GENERAL APPLICABILITY FOR THE STUDY OF MAGNETIC PHENOMENA.
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MAGNETIC PROPERTIES, QUANTUM MECHANICS
HIGH-TEMPERATURE EXPANSIONS FOR THE CLASSICAL HEISENBERG MODEL. II. ZERO-FIELD SUSCEPTIBILITY.
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MAGNETIC TAPE RECORDER
METHOD OF ANALYZING DYNAMIC DATA CHARACTERIZED BY A TIME-VARYING FREQUENCY SPECTRUM.
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SPONTANEOUS BAND MAGNETISM.
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ELECTRICAL HEATER FOR LIQUID METALS AT ELEVATED TEMPERATURES.
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A MODEL FOR THE GENERATION OF MAGNETOHYDRODYNAMIC WAVES BY HIGH-ALTITUDE NUCLEAR BURSTS.
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MAGNETOMETER
RESEARCH AND ADVANCED DEVELOPMENT. VOLUME I - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF SPACE SCIENCES AND APPLICATIONS, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.
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EXPERIMENTAL TECHNIQUES WITH GENERAL APPLICABILITY FOR THE STUDY OF MAGNETIC PHENOMENA.
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RECENT OBSERVATIONS OF LOW-ENERGY CHARGED PARTICLES IN THE EARTH'S MAGNETOSPHERE.
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ELECTRIC, ELECTRONIC FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
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MAMMALS, VIETNAM
FORESTS AND FAUNA OF THE DEMOCRATIC REPUBLIC OF VIETNAM.
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SHELTER MANAGEMENT TEXTBOOK.
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MASTER DEVELOPMENT PLAN. PLYMOUTH INDUSTRIAL PARK, PLYMOUTH, MASSACHUSETTS.
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PROGRAM OF RESEARCH ON THE MANAGEMENT OF RESEARCH AND DEVELOPMENT.
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COMMUNICATIONS OR TRANSPORT DECISION-MAKING IN DEVELOPING COUNTRIES.
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PARALLEL AND SEQUENTIAL STRATEGIES FOR R AND D PROJECTS.
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MANAGEMENT PLANNING, ECONOMICS
MASTER DEVELOPMENT PLAN. PLYMOUTH INDUSTRIAL PARK, PLYMOUTH, MASSACHUSETTS.
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DIGITAL COMPUTER SIMULATION MODELING CONCEPTS.
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SOME COMMENTS ON SYSTEMS ANALYSES.
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MANAGEMENT PLANNING, SOCIAL SCIENCES
THINKING ABOUT FUTURE SOCIAL DEVELOPMENT.
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MANAGEMENT PLANNING, SYSTEMS ENGINEERING
CAVEAT EMPTOR SYSTEMATICUS (LET THE BUYER OF SYSTEMS BEWARE).
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MANGANESE, MICROANALYSIS
SENSITIVITY OF MANGANESE DETERMINATION BY ATOMIC ABSORPTION SPECTROMETRY USING FOUR SOLVENTS.
AD-658 608 7B U67 22

MANNED SPACE FLIGHT
BIOMAGNETICS - CONSIDERATIONS RELEVANT TO MANNED SPACE FLIGHT.
N67-35706 22A S05 21 HC$ 3.00 MF$ 0.65

MANNED SPACECRAFT, BIBLIOGRAPHIES
MANNED EXPEDITIONS TO MARS A SELECTIVE BIBLIOGRAPHY.
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MANPOWER STUDIES, ARKANSAS
AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION VII,
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RESPONSE SELECTION IN KEEPING TRACK OF SEVERAL THINGS AT ONCE.
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RADAR DETERMINATION OF THE ROTATIONS OF VENUS AND MERCURY,
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AD-658 798 7B U67 22

ORGANOMETALLIC SULFUR COMPLEXES. IX. STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX, (SCO3(CO)9)2S2, CONTAINING A TETRAMETAL-COORDINATED BRIDGING DISULFIDE GROUP,
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DESIGN FOR ORIENTATION BALLOON-BORNE EQUIPMENT,
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A TAPE PROGRAMMED SEQUENTIAL SAMPLER,
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THE DATA TAPE SYSTEM AND CONTENTS OF DATA TAPES 3 AND 4,
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PERIODATE OXIDATION OF SPERM-WHALE MYOGLOBIN AND THE ROLE OF THE METHIONINE RESIDUES IN THE ANTIGEN-ANTIBODY REACTION,
AD-658 044 6A U67 22

MICROANALYSIS, MANGANESE
SENSITIVITY OF MANGANESE DETERMINATION BY ATOMIC ABSORPTION SPECTROMETRY USING FOUR SOLVENTS.
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COCCOLITHOPHORIDS FROM TWO CARIBBEAN DEEP-SEA CORES,
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THE ZOO AND THE JUNGLE - A COMPARISON OF THE INFORMATION PRACTICES OF INTELLIGENCE ANALYSIS AND OF SCIENTISTS,
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MILITARY MEDICINE, PSYCHIATRY
MILITARY PSYCHIATRY A PROTOTYPE OF SOCIAL AND PREVENTIVE PSYCHIATRY IN THE UNITED STATES,
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A CRITERION MODEL FOR THE STUDY OF INTERPERSONAL RELATIONS IN SMALL ISOLATED GROUPS,
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NUMERICAL REQUIREMENTS FOR STATISTICALLY VALID RESULTS IN FIELD TEST OF ACCEPTABILITY OF RATIONS,
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SOVIET MILITARY POLICY AT THE FIFTY-YEAR MARK,
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FALLOUT SIMULANT DEVELOPMENT TEMPERATURE EFFECTS ON THE SORPTION REACTIONS OF CESIUM ON FELDSPAR, CLAY, AND QUARTZ,
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EFFECTS OF ROLL ON THE FREE-FLIGHT MOTION OF STATICALLY STABLE BODIES,
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VAN ALLEN BELT SIMULATION.
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NMR STUDIES OF INTRA- AND INTERMOLECULAR INTERACTIONS.
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A STUDY OF THE ELECTRIC DEFLECTION OF MOLECULAR BEAMS.
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ANALYSIS OF ELASTIC-SCATTERING DATA IN THE SEMICLASSICAL APPROXIMATION,
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SCATTERING OF HIGH-VELOCITY NEUTRAL PARTICLES. XV. NE-H2.
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ALMOST 'HEAD-ON' COLLISIONS IN THE SCATTERING OF FAST ARGON ATOMS BY HYDROGEN ISOTOPES.
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SCATTERING OF POTASSIUM BY A SERIES OF REACTIVE AND NONREACTIVE COMPOUNDS IN CROSSED MOLECULAR BEAMS,
AD-658 918 7D U67 22

NONREACTIVE SCATTERING OF K BY HBR AND DBR IN CROSSED MOLECULAR BEAMS,
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RECENT ADVANCES IN AEROTHERMOCHEMISTRY, VOLUME I.
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RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY.
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A COMPUTER PROGRAM FOR FACTOR ANALYSIS OF PHYSICAL PROPERTIES.
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ORGANOMETALLIC SULFUR COMPLEXES. VIII. THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM(V), (C5H5MO)2S2, CONTAINING A MO-MO INTERACTION,
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MOLYBDENUM COMPOUNDS, URANIUM COMPOUNDS
GAS-COLLECTION TECHNIQUE FOR MEASUREMENT OF FISSION-GAS RETENTION IN IRRADIATED MO-UO2 CERMETS,
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BIBLIOGRAPHY OF CLIMATIC MAPS OF MOROCCO.
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THE QUANTITATIVE NATURE OF THE RELATIONSHIP OF CORONARY ARTERY ATHEROSCLEROSIS AND CORONARY HEART DISEASE RISK,
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APPLICATION OF THE MOSSBAUER EFFECT IN DETERMINATION OF PHASE DIAGRAMS,
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DETERMINATION OF THE DISTORTION AND THE FOCAL LENGTH FOR THE OBJECTIVE-LENS OF THE CAMERA NAFA-3C/25 AND A CAMERA WITH A MOVING FILM,
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MEASUREMENT OF MULTIPATH EFFECTS IN A SATELLITE-AIRCRAFT UHF LINK,
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MULTIPLICATION FACTOR, PERTURBATION THEORY
ARIADNE-1 A BURNUP PERTURBATION CODE,
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OPLE EXPERIMENT.
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ESTER AND STIMULUS FREQUENCY MEDIATED PERTURBATIONS OF

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SPACE PROGRAM.
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THE N-N SCATTERING LENGTH, THE THREE-BODY PROBLEM AND CHARGE SYMMETRY,
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TRANSMISSION OF 14-MEV NEUTRONS IN LIQUID NITROGEN,
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NOTE ON THE EXISTENCE OF THE TRINEUTRON,
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APPLICATION OF THE MOSSBAUER EFFECT IN DETERMINATION OF PHASE DIAGRAMS,
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THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL(II) CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(3-DIMETHYLARSINOPROPYL)PHOSPHINE,
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THE ADVANTAGES OF USING BINOCULARS FOR NIGHT SEEING,
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NEW HYPOFLUORITES CONTAINING NITROGEN.
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ENERGETIC POSITIVE IONS FROM PHOTOIONIZATION OF GASES,
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DIABLO TEST TRACK NOISE AND VIBRATION MEASUREMENTS.
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ALIGNMENT CHARTS FOR TRANSPORT PROPERTIES VISCOSITY, THERMAL CONDUCTIVITY, AND DIFFUSION COEFFICIENTS FOR NONPOLAR GASES AND GAS MIXTURES AT LOW DENSITY.
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THE APPLICATION OF LIQUID CRYSTALS FOR THERMOGRAPHIC TESTING OF BONDED STRUCTURES.
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DEVELOPMENT OF INSTRUMENT FOR NON-DESTRUCTIVE MEASUREMENT FOR CONCRETE PAVEMENT THICKNESS.
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ESTIMATES OF LOCAL AND AVERAGE FUEL TEMPERATURES IN A GASEOUS NUCLEAR ROCKET ENGINE.
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SCATTERING,
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DESIGN OF A CAPSULE FOR IRRADIATION NEAR 2000 C,
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TRACK CHARTS, BATHYMETRY, AND LOCATION OF OBSERVATIONS, YAMACRAW CRUISE NO. 3, AUGUST 9-AUGUST 26, 1957 YAMACRAW CRUISE NO. 6, NOVEMBER 4-NOVEMBER 10, 1957, NORTH ATLANTIC OCEAN.
AD-658 711 8J U67 22 HC$ 3.00 MF$ 0.65

OCEANOGRAPHIC VESSELS, SCHEDULING
OCEANOGRAPHIC SHIP OPERATING SCHEDULES, FISCAL YEAR 1968.
AD-658 884 8J U67 22 HC$ 3.00 MF$ 0.65

OCEANOLOGY, UNDERWATER LIGHT
LIGHT SCATTERING IN THE SEA,
AD-658 702 20F U67 22

OIL BURNERS, MARINE PROPULSION
A PILOT PLANT STUDY OF LOW EXCESS AIR COMBUSTION - ITS EFFECT ON FIRESIDE PROBLEMS IN OIL-FIRED BOILERS.
PB-175 805 13J U67 22 HC$ 3.00 MF$ 0.65

ONBOARD NAVIGATION
PRELIMINARY STUDY OF INERTIAL GUIDANCE LAWS.
N67-35929 22C S05 21 HC$ 3.00 MF$ 0.65

ONE-DIMENSIONAL FLOW
ON THE ONE-DIMENSIONAL MAGNETOHYDRODYNAMIC FLOW IN AN ANNULUS.
N67-35863 20I S05 21 HC$ 3.00 MF$ 0.65

OPERATIONS RESEARCH, DATA STORAGE SYSTEMS
A GRAPH DECOMPOSITION TECHNIQUE FOR STRUCTURING DATA.
AD-658 756 12B U67 22 HC$ 3.00 MF$ 0.65

OPERATIONS RESEARCH, NETWORKS
APPLICATION OF BOOLEAN ALGEBRA TO ANALYSIS AND SIMULATION OF NETWORKS.
AD-658 980 12B U67 22 HC$ 3.00 MF$ 0.65

OPERATIONS RESEARCH, SYMPOSIA
LECTURE NOTES PREPARED IN CONNECTION WITH THE SUMMER SEMINAR ON MATHEMATICS OF THE DECISION SCIENCES HELD AT STANFORD UNIVERSITY, STANFORD, CALIFORNIA, JULY 10 - AUGUST 11, 1967.
AD-658 894 12B U67 22 HC$ 3.00 MF$ 0.65

OPERATOR PERFORMANCE
HUMAN OPERATOR RESPONSE SPEED, FREQUENCY, AND FLEXIBILITY - A REVIEW, ANALYSIS AND DEVICE DEMONSTRATION.
N67-35872 5H S05 21 HC$ 3.00 MF$ 0.65

OPERATORS(MATHEMATICS), MATRIX ALGEBRA
ON THE STRUCTURE OF THE ISOTOPIC TRANSPORT OPERATORS IN THREE INDEPENDENT SPACE VARIABLES,
ANL-7328 12A N21 19 HC$ 3.00 MF$ 0.65

OPERATORS(MATHEMATICS), PARTIAL DIFFERENTIAL EQUATIONS
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION DELTA W + XU SUB X + YU SUB Y + C(R)U = 0,
AD-658 964 12A U67 22

OPTICAL EQUIPMENT, RANGE FINDING
REPORT ON WILD HEERBRUGG RANGEFINDER, BOCM BASE, 1944.
AD-658 579 5E U67 22 HC$ 3.00 MF$ 0.65

OPTICAL IMAGE
OPTICAL IMAGERS FOR THE SMALL EARTH RESOURCES SATELLITE.
N67-36064 20F S05 21 HC$ 3.00 MF$ 0.65

OPTICAL PHENOMENA, ELECTRODES
ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK.
AD-658 825 20C U67 22 HC$ 3.00 MF$ 0.65

OPTICAL PHENOMENA, SOLUTIONS
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD ON CRITICAL OPALESCENCE,
AD-658 801 7D U67 22

ELECTRIC FIELD EFFECT ON THE CRITICAL OPALESCENCE. II. RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS,
AD-658 959 7D U67 22

OPTICAL SENSOR
DEVELOPMENT AND FABRICATION OF RING LASER SYSTEMS.
N67-35629 20E S05 21 HC$ 3.00 MF$ 0.65

OPTICS, QUANTUM MECHANICS
QUANTUM OPTICS. I. EXCITATION OF A DAMPED RADIATION MODE BY WEAKLY COUPLED SOURCES,
AD-658 937 20F U67 22

OPTIMIZATION, LINEAR PROGRAMMING
IMPLICIT ENUMERATION USING AN IMBEDDED LINEAR PROGRAM,
AD-658 814 12B U67 22 HC$ 3.00 MF$ 0.65

OPTIMIZATION, REGRESSION ANALYSIS
OPTIMAL DESIGNS ON TCHEBYCHEFF POINTS,
AD-659 064 12A U67 22 HC$ 3.00 MF$ 0.65

OPTIMUM THRUST PROGRAMMING
AN EXPLICIT SOLUTION FOR THE LAGRANGE MULTIPLIERS ON THE SINGULAR SUBARC OF AN OPTIMAL TRAJECTORY.
N67-35668 22C S05 21 HC$ 3.00 MF$ 0.65

ORBIT PERTURBATION
ORBITAL REGRESSION OF SYNCHRONOUS SATELLITES DUE TO THE COMBINED GRAVITATIONAL EFFECTS OF THE SUN, THE MOON AND THE OBLATE EARTH.

N67-36636 22C S05 21 HC$ 3.00 MF$ 0.65

ORBITAL CALCULATION
SPACE PROGRAMS SUMMARY NO. 37-30, VOLUME VI FOR THE PERIOD SEPTEMBER 1, 1964 TO OCTOBER 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-35546 22C S05 21 HC$ 3.00 MF$ 0.65

ORDNANCE, STORAGE
LONG TERM STORAGE EXPERIMENTAL PROGRAM - ANNUAL TEARDOWN INSPECTION, ERIE ORDNANCE DEPOT, 20 JUNE TO 1 JULY 1949.
AD-658 984 15E U67 22 HC$ 3.00 MF$ 0.65

ORGANIC COMPOUND
RESEARCH ON GAS CHROMATOGRAPHIC SYSTEMS TO ANALYZE CERTAIN CHEMICAL CONSTITUENTS OF THE SURFACE OF THE MOON PROGRESS REPORT, 1 JAN. - 30 JUN. 1967.
N67-36639 7C S05 21 HC$ 3.00 MF$ 0.65

ORGANIC LIQUID
QUANTITATIVE INVESTIGATIONS ON STABLE BLUE SOLUTIONS OF SULPHUR IN ORGANIC SOLVENTS.
N67-35975 7D S05 21 HC$ 3.00 MF$ 0.65

ORGANIC NITROGEN COMPOUNDS, SYNTHESIS(CHEMISTRY)
METHOD OF OBTAINING FLUORINATED NITROMETHANES CONTAINING HYDROGEN,
AD-658 610 7L U67 22 HC$ 3.00 MF$ 0.65

ORGANIC NITROGEN COMPOUNDS, ULTRAVIOLET SPECTROSCOPY
A REDETERMINATION OF THE MOLAR EXTINCTION COEFFICIENTS OF AQUEOUS NITROFORM ION,
AD-658 541 7L U67 22 HC$ 3.00 MF$ 0.65

ORGANIC SULFUR COMPOUNDS, HEMOGLOBIN
THE EFFECT OF SULFHYDRYL REAGENTS ON THE BINDING OF HUMAN HEMOGLOBIN TO HAPTOGLOBIN.
AD-658 988 6A U67 22 HC$ 3.00 MF$ 0.65

ORGANIC SULFUR COMPOUNDS, SUBSTITUTION REACTIONS
MECHANISMS OF SUBSTITUTION REACTIONS AT SULFINYL SULFUR. IV. THE HYDROLYSIS OF SULFINYL SULFONES (SULFINIC ANHYDRIDES) IN AQUEOUS DIOXANE,
AD-658 983 7L U67 22

ORIFICES, FLUID FLOW
FLOW OF LIQUID THROUGH MULTIPLE ORIFICES.
AD-658 501 20D U67 22 HC$ 3.00 MF$ 0.65

ORIGIN
ON THE EXPLOSIVE ORIGIN OF THE GALAXIES.
N67-36637 3B S05 21 HC$ 3.00 MF$ 0.65

OSCILLATORS, C BAND
C-BAND AND X-BAND DUAL FUNCTION OSCILLATORS.
AD-659 089 9E U67 22 HC$ 3.00 MF$ 0.65

OSCILLOSCOPES, CALIBRATION
OSCILLOSCOPES 535, 545 RM-35, RM-45, 945 AN/USM-120 (TEKTRONIX).
PB-176 116 9C U67 22 HC$ 3.00 MF$ 0.65

OXIDIZERS, FLUORAMINES
KINETIC STUDIES OF THE REACTIONS OF ANIONS WITH DIFLUORAMINE,
AD-658 921 7D U67 22

OXYFLUORIDES, SYNTHESIS(CHEMISTRY)
NEW HYPOFLUORITES CONTAINING NITROGEN.
AD-658 735 7B U67 22 HC$ 3.00 MF$ 0.65

OXYGEN ATOM
REACTION RATES OF CARBON MONOXIDE WITH HYDROXYL RADICALS AND OXYGEN ATOMS.
N67-35735 7D S05 21 HC$ 3.00 MF$ 0.65

OXYGEN TREATMENT
PHOTODESORPTION OF OXYGEN FROM NICKEL OXIDE POWDER.
N67-36420 7E S05 21 HC$ 3.00 MF$ 0.65

OXYGEN, GAS IONIZATION
ENERGETIC POSITIVE IONS FROM PHOTOIONIZATION OF GASES,
AD-658 708 7E U67 22 HC$ 3.00 MF$ 0.65

OXYGEN, TOXICITY
LUNG CHANGES RESULTING FROM PROLONGED EXPOSURE TO 100 OXYGEN AT 550 MM HG.
AD-658 720 6E U67 22 HC$ 3.00 MF$ 0.65

OXYGEN, ULTRAVIOLET SPECTROSCOPY
AN INVESTIGATION OF THE EFFECT OF HIGH TEMPERATURE ON THE SCHUMANN-RUNGE ULTRAVIOLET ABSORPTIONONTINUUM OF OXYGEN.
PB-175 896 7D U67 22 HC$ 3.00 MF$ 0.65

OZONE, MESOSPHERE
ENERGETICS OF THE MIDDLE ATMOSPHERE,
AD-658 422 4A U67 22 HC$ 3.00 MF$ 0.65

OZONE, STRATOSPHERE
SIMULTANEOUS DUST AND OZONE SOUNDINGS OVER NORTH AND CENTRAL AMERICA.
AD-658 546 4A U67 22 HC$ 3.00 MF$ 0.65

O-HETEROCYCLIC COMPOUNDS, SYNTHESIS(CHEMISTRY)
MOLECULAR PHOTOCHEMISTRY. V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS,
AD-659 015 7E U67 22

PACIFIC OCEAN ISLANDS, CLIMATOLOGY
SELECTED BIBLIOGRAPHY ON THE CLIMATE OF THE SOUTH PACIFIC ISLANDS,
PB-176 015 4B U67 22 HC$ 3.00 MF$ 0.65

SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR THE WESTERN PACIFIC OCEAN,
PB-176 029 4B U67 22 HC$ 3.00 MF$ 0.65

SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR THE SOUTHWEST PACIFIC OCEAN,
PB-176 037 4B U67 22 HC$ 3.00 MF$ 0.65

PACIFIC OCEAN, CLIMATOLOGY
SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR THE WESTERN PACIFIC OCEAN,
PB-176 029 4B U67 22 HC$ 3.00 MF$ 0.65

SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR THE SOUTHWEST PACIFIC OCEAN,
PB-176 037 4B U67 22 HC$ 3.00 MF$ 0.65

PACKAGING, LIFE EXPECTANCY
RELATIONSHIP OF WVTR TO WATER VAPOR PRESSURE AS A DETERMINANT IN PREDICTING PACKAGE LIFE,
AD-658 748 13D U67 22 HC$ 3.00 MF$ 0.65

PACKS(CONTAINERS), DESIGN
TEST OF SUSPENDERS, PACK, FIELD, CARGO AND COMBAT, (SUPPORT OF THE PACK, FIELD, M-1944, BY MEANS OF SUSPENDERS WHICH INCORPORATE A STRAP TRAVERSING THE CHEST,
AD-658 558 15E U67 22 HC$ 3.00 MF$ 0.65

PACKS(CONTAINERS), SUPPORTS
TEST OF HARNESS, MAN, M-1944, TYPE 1.
AD-658 559 15E U67 22 HC$ 3.00 MF$ 0.65

PACKS(CONTAINERS), WEIGHT
PACK, FIELD, CARGO PACK, FIELD, COMBAT AND SUSPENDERS, PACK, FIELD, CARGO AND COMBAT.
AD-658 557 15E U67 22 HC$ 3.00 MF$ 0.65

PAINT
STANDARD FOR COLOR CODE FOR SHOP MACHINERY AND EQUIPMENT.
N67-36668 13H S05 21 HC$ 3.00 MF$ 0.65

PAINTS, TANKS(COMBAT VEHICLES)
TEST OF NON-SKID PAINT ON TANKS,
AD-658 626 11C U67 22 HC$ 3.00 MF$ 0.65

PAIN, MEASUREMENT
A QUANTITATIVE STUDY OF PAIN AND ITS REDUCTION THROUGH HYPNOTIC SUGGESTION,
AD-659 021 5J U67 22

PARACHUTE
FLIGHT TEST OF A 30-FOOT NOMINAL DIAMETER DISK-GAP-BAND PARACHUTE DEPLOYED AT A MACH NUMBER OF 1.56 AND A DYNAMIC PRESSURE OF 11.4 POUNDS PER SQUARE FOOT.
N67-35616 1C S05 21 HC$ 3.00 MF$ 0.65

SCALE FACTORS FOR PARACHUTE OPENING.
N67-35778 1A S05 21 HC$ 3.00 MF$ 0.65

PARAMAGNETIC MATERIALS, ELECTRON TRANSITIONS
PARAMAGNETIC IONS AND LATTICE VIBRATIONS.
AD-658 895 20L U67 22 HC$ 3.00 MF$ 0.65

PARAMAGNETIC RESONANCE, COLOR CENTERS
ELECTRON PARAMAGNETIC RESONANCE OF CERTAIN COLOR CENTERS IN ALKALI-HALIDE CRYSTALS,
AD-658 649 20L U67 22 HC$ 3.00 MF$ 0.65

PARASITES, NEMATODES
NEMATODE PARASITES OF FISHES TAKEN ON TAIWAN (FORMOSA) AND ITS OFFSHORE ISLANDS,
AD-658 617 6C U67 22

PARASITIC DISEASES, VIETNAM
DISTRIBUTION OF NUCHERERIOSIS, BRUGHIOSIS AND CLONORCHOSIS IN THE DEMOCRATIC REPUBLIC OF VIETNAM (REVIEW OF LITERATURE),
AD-658 855 6B U67 22 HC$ 3.00 MF$ 0.65

PARTIAL DIFFERENTIAL EQUATIONS, OPERATORS(MATHEMATICS)
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION DELTA U + XU SUB X + YU SUB Y + C(X,Y)U = 0,
AD-658 964 12A U67 22

PARTICLE ACCELERATORS, PROTON BEAMS
BEVATRON OPERATION AND DEVELOPMENT. 52, SEPTEMBER-DECEMBER 1966,
UCRL-17402 20G N21 19 HC$ 3.00 MF$ 0.65

BEVATRON OPERATION AND DEVELOPMENT. 53, JANUARY-MARCH 1967,
UCRL-17543 20G N21 19 HC$ 3.00 MF$ 0.65

PARTICLES, MOTION
OBSERVATIONS OF PARTICLE MOTIONS IN OCEAN WAVES.
AD-658 876 8C U67 22 HC$ 3.00 MF$ 0.65

PASSENGER VEHICLES, TRAFFIC
WASHINGTON, D. C. 1980 RAIL RAPID TRANSIT PATRONAGE FORECASTS.
PB-175 929 13F U67 22 HC$ 3.00 MF$ 0.65

PATTERN RECOGNITION, MATHEMATICAL MODELS
RESEARCH ON SELF-ORGANIZING MACHINES.
AD-658 527 9B U67 22 HC$ 3.00 MF$ 0.65

PAVEMENTS, CONCRETE
DEVELOPMENT OF INSTRUMENT FOR NON-DESTRUCTIVE MEASUREMENT FOR CONCRETE PAVEMENT THICKNESS.
PB-175 948 13B U67 22 HC$ 3.00 MF$ 0.65

PAVEMENTS, MOISTURE
SUBGRADE MOISTURE VARIATIONS. A PRELIMINARY STANDARDIZATION AND CALIBRATION PROCEDURE FOR NUCLEAR DEPTH MOISTURE/DENSITY GAGES.
PB-175 950 14B U67 22 HC$ 3.00 MF$ 0.65

PAVEMENTS, QUALITY CONTROL
THE STATISTICAL APPROACH TO QUALITY CONTROL IN HIGHWAY CONSTRUCTION.
PB-176 059 13B U67 22 HC$ 3.00 MF$ 0.65

PAVEMENTS, REINFORCED CONCRETE
AN EVALUATION OF TERMINAL ANCHORAGE INSTALLATIONS ON RIGID PAVEMENTS.
PB-176 064 13B U67 22 HC$ 3.00 MF$ 0.65

PAVEMENTS, ROADS
SOME RECENT FINDINGS IN FLEXIBLE PAVEMENT RESEARCH.
PB-176 060 13B U67 22 HC$ 3.00 MF$ 0.65

PERCEPTION(PSYCHOLOGY), FACTOR ANALYSIS
MULTIMODE FACTOR ANALYSIS OF INTERPERSONAL PERCEPTIONS.
AD-658 515 5J U67 22 HC$ 3.00 MF$ 0.65

PERCEPTION(PSYCHOLOGY), STIMULATION
THE EVOLUTION OF PERCEPTUAL FRAMES OF REFERENCE.
AD-659 058 5J U67 22 HC$ 3.00 MF$ 0.65

PERFORMANCE CHARACTERISTICS
STUDY OF LOW PRESSURE APPLICATION OF THE ORBITRON.
N67-35672 14B S05 21 HC$ 3.00 MF$ 0.65

A SUMMARY OF OPERATIONAL EXPERIENCES OF THREE LIGHT OBSERVATION HELICOPTERS AND TWO LARGE LOAD-LIFTING MILITARY HELICOPTERS.
N67-35733 1C S05 21 HC$ 3.00 MF$ 0.65

PERFORMANCE PREDICTION
SCALE FACTORS FOR PARACHUTE OPENING.
N67-35778 1A S05 21 HC$ 3.00 MF$ 0.65

PERFORMANCE(HUMAN), PROBLEM SOLVING
STUDIES IN PROBLEM SOLVING SUBJECT 3 ON THE CRYPT-ARITHMETIC TASK DONALD + GERALD = ROBERT,
AD-658 485 5J U67 22 HC$ 3.00 MF$ 0.65

PERFORMANCE(HUMAN), STRENGTH
THE SCALING OF EFFORT PRODUCED BY STRENOUS ISOMETRIC MUSCLE CONTRACTIONS.
AD-658 979 6P U67 22 HC$ 3.00 MF$ 0.65

PERISCOPIC GUN SIGHTS, TANKS(COMBAT VEHICLES)
VISUAL REQUIREMENTS, CHARACTERISTICS AND LIMITATIONS OF PRESENT VISUAL DEVICES IN TANKS AND MEANS FOR IMPROVING SIGHTING TELESCOPES AND PERISCOPES,
AD-658 581 17H U67 22 HC$ 3.00 MF$ 0.65

REPORT ON PERISCOPIC SIGHT T8 AND MOUNT T105,
AD-658 584 5E U67 22 HC$ 3.00 MF$ 0.65

PLACEMENT AND MOUNTING OF SIGHTS IN TANKS,
AD-658 634 19E U67 22 HC$ 3.00 MF$ 0.65

PERMEABILITY, TISSUES(BIOLOGY)
ENDOGENEOUS MECHANISM OF VASCULAR RESPONSE IN INFLAMMATION, WITH SPECIAL REFERENCE TO BIOLOGIC SIGNIFICANCE OF SPECIFIC PERMEABILITY FACTORS AND THEIR INHIBITORS NEWLY ISOLATED FROM INFLAMED SITES.
AD-658 689 6P U67 22 HC$ 3.00 MF$ 0.65

PEROVSKITES, ELECTROOPTICS
SINGLE CRYSTAL PEROVSKITES AS ELECTROOPTICALLY ACTIVE MATERIALS.
AD-658 461 20B U67 22 HC$ 3.00 MF$ 0.65

PERSONNEL SELECTION
EXTREMAL FACTORS OF LONG-TERM SPACE FLIGHT AND HEALTH REQUIREMENTS FOR SPACECRAFT CREWS.
N67-36480 6S S05 21 HC$ 3.00 MF$ 0.65

PERSPIRATION, FEET
SURVEY OF FOOT MEASUREMENTS AND THE PROPER FIT OF ARMY SHOES STUDY OF SWEATING OF THE FEET OF MARCHING TROOPS.
AD-658 503 6P U67 22 HC$ 3.00 MF$ 0.65

PERTURBATION
BOUNDING ERROR BOUNDS BY PERTURBATION- CONDITION ANALYSIS.
N67-35614 12A S05 21 HC$ 3.00 MF$ 0.65

PERTURBATION THEORY
SLOW-ELECTRON SCATTERING BY STRONGLY POLAR MOLECULES.
N67-35955 7D S05 21 HC$ 3.00 MF$ 0.65

EXCHANGE EFFECTS IN THE DEGENERATE PERTURBATION THEORY OF INTERMOLECULAR POTENTIALS.
N67-35985 20H S05 21 HC$ 3.00 MF$ 0.65

PERTURBATION THEORY, CELESTIAL MECHANICS
CONVERGENCE OF THE VON ZEIPEL PROCEDURE,
AD-658 479 3C U67 22 HC$ 3.00 MF$ 0.65

PERTURBATION THEORY, MULTIPLICATION FACTOR
ARIADNE-I A BURNUP PERTURBATION CODE,
NAA-SR-12376 18K N21 19 HC$ 3.00 MF$ 0.65

PHASE STUDIES, MOSSBAUER EFFECT
APPLICATION OF THE MOSSBAUER EFFECT IN DETERMINATION OF PHASE DIAGRAMS,
UCRL-50262 20L N21 19 HC$ 3.00 MF$ 0.65

PHONONS, PARAMAGNETIC MATERIALS
PARAMAGNETIC IONS AND LATTICE VIBRATIONS.
AD-658 895 20L U67 22 HC$ 3.00 MF$ 0.65

PHOSPHIDES, VAPORIZATION
THE VAPORIZATION OF ZINC PHOSPHIDE,
AD-658 763 7D U67 22

PHOSPHINES, COMPLEX COMPOUNDS
THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL(II) CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(3-DIMETHYLARSINOPROPYL)PHOSPHINE,
AD-658 962 7B U67 22

PHOTOCHEMISTRY
DESCRIPTION OF SCIENTIFIC SOUNDING-ROCKET PROJECT S-18.
N67-35932 4A S05 21 HC$ 3.00 MF$ 0.65

PHOTOCHEMISTRY, GAS IONIZATION
ENERGETIC POSITIVE IONS FROM PHOTOIONIZATION OF GASES,
AD-658 788 7B U67 22 HC$ 3.00 MF$ 0.65

PHOTOCONDUCTIVITY
CONDUCTIVITY PHENOMENA IN POLYCRYSTALLINE ZINC OXIDE FILMS.
N67-36087 20L S05 21 HC$ 3.00 MF$ 0.65

PHOTOCONDUCTIVITY, MATHEMATICAL MODELS
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS,
AD-658 831 20C U67 22 HC$ 3.00 MF$ 0.65

PHOTODECOMPOSITION
PHOTODESORPTION OF OXYGEN FROM NICKEL OXIDE POWDER.
N67-36420 7E S05 21 HC$ 3.00 MF$ 0.65

PHOTOELECTRIC CELLS(SEMICONDUCTOR), ENERGY CONVERSION
P-I-N THERMO-PHOTO-VOLTAIC DIODE,
AD-658 902 10A U67 22 HC$ 3.00 MF$ 0.65

PHOTOGRAPH
THE UTILIZATION OF THE HOLOGRAPH IN THE AREA OF AERODYNAMICS.
N67-36284 1A S05 21 HC$ 3.00 MF$ 0.65

PHOTOGRAPHIC EMULSIONS, SPECTROSCOPY
AN EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION,
AD-658 457 14E U67 22 HC$ 3.00 MF$ 0.65

PHOTOGRAPHIC TECHNIQUES, LASERS
SIMPLIFICATION OF HOLOGRAPHIC PROCEDURES,
AD-658 522 14E U67 22

PHOTOINTERPRETATION, ACCURACY
PROBABILITY INDEXES OF IMAGE INTERPRETER PERFORMANCE DEVELOPMENT AND EVALUATION.
AD-658 653 14E U67 22 HC$ 3.00 MF$ 0.65

PHOTOINTERPRETERS, PERFORMANCE(HUMAN)
PROBABILITY INDEXES OF IMAGE INTERPRETER PERFORMANCE DEVELOPMENT AND EVALUATION.
AD-658 653 14E U67 22 HC$ 3.00 MF$ 0.65

PHOTON
CALIBRATION STANDARDS FOR PHOTON SPECTROSCOPY BETWEEN 20-280 KE V.
N67-36459 14B S05 21 HC$ 3.00 MF$ 0.65

PHOTOSPHERE
CONCLUSIONS CONCERNING THE GENERAL MAGNETIC FIELD OF THE SUN.
N67-36098 3B S05 21 HC$ 3.00 MF$ 0.65

PHYSICAL PROPERTY
DEVELOPMENT OF TECHNIQUES TO IMPROVE BLADDER MATERIALS AND TEST METHODS (INTERIM REPORT, 18 MAY 1966 - 17 MAY 1967.
N67-36115 11I S05 21 HC$ 3.00 MF$ 0.65

PHYSICS, SCIENTIFIC RESEARCH
GENERAL RESEARCH.
AD-658 834 5A U67 22 HC$ 3.00 MF$ 0.65

PIPES, SHOCK WAVES
THE DYNAMIC ELASTIC-PLASTIC INTERFACE AND RELATED TOPICS.
AD-658 487 20K U67 22 HC$ 3.00 MF$ 0.65

PITOT-STATIC TUBE
TEMPERATURE, PRESSURE, DENSITY AND WIND MEASUREMENTS IN THE UPPER STRATOSPHERE AND MESOSPHERE, 1965.
N67-35777 4A S05 21 HC$ 3.00 MF$ 0.65

PLANETARY ATMOSPHERES, CARBON DIOXIDE
MEASUREMENTS OF DISSOCIATIVE RECOMBINATION OF CO2(+) IONS WITH ELECTRONS.
AD-658 934 3B U67 22

PLANETARY ENTRY
FLIGHT TEST OF A 30-FOOT NOMINAL DIAMETER DISK-GAP-BAND PARACHUTE DEPLOYED AT A MACH NUMBER OF 1.56 AND A DYNAMIC PRESSURE OF 11.4 POUNDS PER SQUARE FOOT.
N67-35616 1C S05 21 HC$ 3.00 MF$ 0.65

PLANETARY EXPLORATION
SPACE PROGRAM.
N67-36460 22A S05 21 HC$ 3.00 MF$ 0.65

PLANETARY GRAVITATION
ORBITAL REGRESSION OF SYNCHRONOUS SATELLITES DUE TO THE COMBINED GRAVITATIONAL EFFECTS OF THE SUN, THE MOON AND THE OBLATE EARTH.
N67-36636 22C S05 21 HC$ 3.00 MF$ 0.65

PLANETARY SPACECRAFT
PLANETARY VEHICLE THERMAL INSULATION SYSTEMS, PHASE I SUMMARY REPORT.
N67-35552 11D S05 21 HC$ 3.00 MF$ 0.65

PLANETARY SURFACE
BISTATIC-RADAR IMAGING AND MEASUREMENT TECHNIQUES FOR THE STUDY OF PLANETARY SURFACES.
N67-36611 9F S05 21 HC$ 3.00 MF$ 0.65

PLANKTON, MARINE BIOLOGY
MARINE DINOFLAGELLATE CULTURES FROM RESTING SPORES.
AD-658 595 8A U67 22

PLANKTON, MICROPALEONTOLOGY
COCCOLITHOPHORIDS FROM TWO CARIBBEAN DEEP-SEA CORES.
AD-658 694 8G U67 22

PLANKTON, PACIFIC OCEAN
MARINE ZOOPLANKTON IN THE WATERS OF SOUTH SAKHALIN AND THE SOUTHERN KURILE ISLANDS.
AD-658 730 8A U67 22 HC$ 3.00 MF$ 0.65

PLASMA CONDUCTIVITY
KINETIC EQUATION FOR A PLASMA AND ITS APPLICATION TO HIGH-FREQUENCY CONDUCTIVITY.
N67-36030 20I S05 21 HC$ 3.00 MF$ 0.65

PLASMA CYLINDER
THEORETICAL AND EXPERIMENTAL STUDY OF A FINITE CYLINDRICAL ANTENNA IN A PLASMA COLUMN.
N67-35956 20N S05 21 HC$ 3.00 MF$ 0.65

PLASMA INSTABILITY
EFFECT OF GYRO-VISCOSITY ON RAYLEIGH- TAYLOR INSTABILITY OF A PLASMA.
N67-35875 20I S05 21 HC$ 3.00 MF$ 0.65

COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED- FIELD ELECTRON BEAMS.
N67-36038 9C S05 21 HC$ 3.00 MF$ 0.65

PLASMA MEDIUM, ELECTROMAGNETIC SHIELDING
RF-INDUCED PLASMA SHIELD PROPAGATION IN RARE GASES.
AD-658 868 20I U67 22 HC$ 3.00 MF$ 0.65

PLASMA MEDIUM, ELECTRON DENSITY
SOUND WAVES IN PLASMAS A BASIC PHENOMENON AND A SIMPLE DIAGNOSTIC TOOL.
ORNL-4089 18A N21 19 HC$ 3.00 MF$ 0.65

PLASMA MEDIUM, KINETIC THEORY
THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS. I GENERAL THEORY.
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POLYNOMIAL CURVE FIT BY LEAST SQUARES.
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BISE A TWO-VERTEX KINEMATIC PROGRAM.
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A STUDY OF THE FEASIBILITY OF TRANSPORTING THE BEAM FROM THE 50 ME V PLA FOR INJECTION INTO NIMROD.
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ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI. IV. SAMARIUM ISOTOPES,
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MILITARY PSYCHIATRY A PROTOTYPE OF SOCIAL AND PREVENTIVE PSYCHIATRY IN THE UNITED STATES,
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EVALUATION OF FACTOR ANALYTIC RESEARCH PROCEDURES BY MEANS OF SIMULATED CORRELATION MATRICES.
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A RESETTABLE MONOSTABLE PULSE GENERATOR.
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AD-658 935 20E U67 22

MEGAWATT LINE RADIATOR USING SEQUENTIAL INDUCTIVE DISCHARGES,
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SRE-PEP PUMP PERFORMANCE,
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ELECTRON SPIN RESONANCE STUDY OF HYDROGEN-ADDITION AND -REPLACEMENT REACTIONS IN SOME PYRIMIDINE COMPOUNDS,
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PYROLYSIS
RESEARCH ON GAS CHROMATOGRAPHIC SYSTEMS TO ANALYZE CERTAIN CHEMICAL CONSTITUENTS OF THE SURFACE OF THE MOON PROGRESS REPORT, 1 JAN. - 30 JUN. 1967.
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SOME AQQ AND AFI VALUES FOR THE DODGE AND TORREY CSP-3 CONTINUOUS SAMPLING PLAN,
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EXCHANGE EFFECTS IN THE DEGENERATE PERTURBATION THEORY OF INTERMOLECULAR POTENTIALS.
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CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. II. STATIONARY FIELDS AND THEIR SPECTRAL PROPERTIES,
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QUANTUM MECHANICS, FUNCTIONS
STUDY OF SPECTRAL REPRESENTATIONS FOR SIMPLE QUANTUM-MECHANICAL SYSTEMS.
AD-658 960 20J U67 22

QUANTUM STATISTICS, ELECTRICAL CONDUCTANCE
QUANTUM KINETIC EQUATIONS FOR ELECTRONS IN RANDOM IMPURITIES,
AD-658 909 20L U67 22

QUARTZ RESONATORS, DEFECTS(MATERIALS)
INCREASED RESISTANCE OF CRYSTAL UNITS AT OSCILLATOR NOISE LEVELS,
AD-658 947 9A U67 22

QUARTZ, BONDING
AN INVESTIGATION OF AGGREGATE-ASPHALT ADHESION BY MEASUREMENT OF HEATS OF IMMERSION.
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QUARTZ, CRYSTAL OSCILLATORS
QUARTZ FREQUENCY STANDARDS.
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RESEARCH ON MECHANISMS OF ALLOY STRENGTHENING SEMIANNUAL REPORT.
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THE JOINT DISTRIBUTION OF THE VIRTUAL WAITINGTIME AND THE RESIDUAL BUSY PERIOD FOR THE M/G/1 QUEUE,
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RADAR DETERMINATION OF THE ROTATIONS OF VENUS AND MERCURY,
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AN ANALYSIS OF THE FAA RANGE INSTRUMENTATION AT NAFEC.
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SHORT-PULSE SCATTERING BY A HEMISPHERE.
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A SEQUENTIAL DETECTION SYSTEM FOR THE PROCESSING OF RADAR RETURNS,
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ON THE SUMS OF INDEPENDENTLY DISTRIBUTED PARETO VARIATES,
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THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME I,
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THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME II,
AD-658 614 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME III,
AD-658 615 9D U67 22

RADAR, ASTRONOMY
RADAR MEASUREMENTS AT 70 CM OF VENUS AND MERCURY,
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MIDLATITUDE F REGION DENSITIES AND TEMPERATURES AT SUNSPOT MINIMUM.
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AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE.
AD-658 463 4A U67 22 MC$ 3.00 MF$ 0.65

RADIATION BELT
ELECTRON UNIDIRECTIONAL INTENSITY CONTOURS IN THE EARTH'S OUTER RADIATION ZONE AT THE MAGNETIC EQUATOR.
N67-36058 4A S05 21 MC$ 3.00 MF$ 0.65

RADIATION CHEMISTRY, NUMERICAL METHODS AND PROCEDURES
FUNDAMENTAL STUDIES RELATING TO THE RADIATION CHEMISTRY OF SMALL ORGANIC MOLECULES.
AD-658 804 7E U67 22 MC$ 3.00 MF$ 0.65

RADIATION DAMAGE, NUCLEAR RADIATION
IRRADIATION TEST OF SNAP 8 CANDIDATE SPRING MATERIALS.
NAA-SR-11519 18J N21 19 MC$ 3.00 MF$ 0.65

RADIATION EFFECTS, CONDITIONED REFLEX
EFFECTS OF DOSE AND OF PARTIAL-BODY EXPOSURE ON CONDITIONING THROUGH A RADIATION-INDUCED HUMORAL FACTOR.
AD-659 028 6R U67 22 MC$ 3.00 MF$ 0.65

RADIATION EFFECTS, METABOLISM
SUGAR RETENTION, COFACTOR LEVELS, AND LEAKAGE OF METABOLITES IN X-IRRADIATED, STARVED YEAST CELLS.
AD-658 971 6R U67 22 MC$ 3.00 MF$ 0.65

RADIATION EFFECTS, TRANSPLANTATION
HUMOGRAFT RESPONSE IN ADULT-THYMECTOMIZED MICE DEFICIENCY WITH AGING AND AFTER LOW DOSE-RATE GAMMA-IRRADIATION.
AD-659 026 6R U67 22 MC$ 3.00 MF$ 0.65

RADIATION MEASUREMENT SYSTEMS, GAMMA-RAY ABSORPTION COEFFICIENTS
TRANSMISSION OF 14-MEV NEUTRONS IN LIQUID NITROGEN.
UCRL-50259 18D N21 19 MC$ 3.00 MF$ 0.65

RADIATION PYROMETER
METHODS FOR OBTAINING SURFACE TEMPERATURES OF MATERIALS IN THE PRESENCE OF EXTRANEOUS RADIATION.
N67-35727 20M S05 21 MC$ 3.00 MF$ 0.65

RADIATION SICKNESS, INGESTION(PHYSIOLOGY)
AVERSION TO SUCROSE PRODUCED BY CONTINGENT X-IRRADIATION TEMPORAL AND DOSAGE PARAMETERS.
AD-658 969 6R U67 22 MC$ 3.00 MF$ 0.65

RADIATIVE HEAT TRANSFER
ESTIMATES OF LOCAL AND AVERAGE FUEL TEMPERATURES IN A GASEOUS NUCLEAR ROCKET ENGINE.
N67-35764 21F S05 21 MC$ 3.00 MF$ 0.65

RADIO ALTIMETERS, MULTIPLE OPERATION
EVALUATION OF A MULTIPLE FM/CW RADIO ALTIMETER INSTALLATION.
AD-658 729 1D U67 22 MC$ 3.00 MF$ 0.65

RADIO ASTRONOMY, NEBULAE
OBSERVATION OF THE 94 ALPHA AND 148 DELTA HYDROGEN AND 94 ALPHA HELIUM EMISSION LINES IN THE ORION NEBULA.
AD-658 911 3B U67 22

RADIO TRANSMISSION, REPORTS
RADIO SCIENCE.
AD-658 751 84A U67 22

RADIOACTIVE DECAY
TABLES OF MAXIMUM ENERGIES OF CHARACTERISTIC BETA-DECAY.
N67-35648 20H S05 21 MC$ 3.00 MF$ 0.65

RADIOACTIVE FALLOUT, SUBSTITUTES
FALLOUT SIMULANT DEVELOPMENT TEMPERATURE EFFECTS ON THE SORPTION REACTIONS OF CESIUM ON FELDSPAR, CLAY, AND QUARTZ.
AD-658 745 18H U67 22 MC$ 3.00 MF$ 0.65

RADIOACTIVE FALLOUT, TERRAIN
MODELS OF GROUND ROUGHNESS IN A FALLOUT FIELD.
AD-658 878 18H U67 22 MC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, AMERICIUM
ANALYTICAL CAPABILITIES OF A SEMICONDUCTOR X-RAY EMISSION SPECTROMETER.
UCRL-18845 18D N21 19 MC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, AUXILIARY POWER PLANTS
INVESTIGATION OF THE ABLATION OF SMALL PARTICLES UPON SIMULATED RE-ENTRY.
SC-CR-67-2583 22C N21 19 MC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, COBALT
DEVELOPMENT OF 60 CO CAPSULES FOR HEAT SOURCES.
OP-1096 18B N21 19 MC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, GUIDANCE
RADIOACTIVE TAXI GUIDANCE TEST CATEGORY III GROUND GUIDANCE EQUIPMENT.
AD-658 742 17G U67 22 MC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, STANDARDIZATION
RADIONUCLIDE STANDARDIZATION. A BIBLIOGRAPHY.
PB-176 049 18B U67 22 MC$ 3.00 MF$ 0.65

RADIOACTIVE WASTE, DISPOSAL
ARCHEOLOGICAL SALVAGE EXCAVATIONS ON THE MESITA DEL BUEY, LOS ALAMOS COUNTY, NEW MEXICO.
LA-3636 8G N21 19 MC$ 3.00 MF$ 0.65

RADIOACTIVITY, PROGRAMMING(COMPUTERS)
RADOS A CODE TO ESTIMATE GAMMA DOSE FROM A CLOUD OF RADIOACTIVE GASES.
OP-1098 9B N21 19 MC$ 3.00 MF$ 0.65

RAIL TRANSPORTATION
INFLUENCE OF THE SUSPENSION FORCES AND SUPPORTING SPRING FORCES ON THE RUNNING BEHAVIOR OF FREE SETS OF STEERING WHEELS IN THE STRAIGHT TRACK. TEXT VOLUME (ACCOMPANYING PICTURE VOLUME).
N67-35951 13F S05 21 MC$ 3.00 MF$ 0.65

RAILROAD TRACKS, NOISE
UTAHLO TEST TRACK NOISE AND VIBRATION MEASUREMENTS.
PB-175 935 13F U67 22 MC$ 3.00 MF$ 0.65

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ANALYSIS AND EVALUATION REPORT. COMMUTA-CODE AUTOMATIC FARE COLLECTION EQUIPMENT.
PB-176 097 13F U67 22 MC$ 3.00 MF$ 0.65

ANALYSIS AND EVALUATION OF BAY AREA RAPID TRANSIT SELF-SERVICE FARE COLLECTION SYSTEM DEMONSTRATION.
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RAILROADS, ELECTRIC PROPULSION
DEMONSTRATION REPORT COVERING 1000 VOLT D.C. CHOPPER CONTROL SYSTEM WITH TYPE 1459 MOTORS AND 4160 VOLT - 3 PHASE - 60 CYCLES A.C. VARITRAN CONTROL SYSTEM WITH TYPE 1459-T TANDEM MOTOR UNITS.
PB-175 924 21C U67 22 MC$ 3.00 MF$ 0.65

PERFORMANCE DEMONSTRATION OF THE ALTERNATING CURRENT PROPULSION SYSTEM.
PB-175 936 21C U67 22 MC$ 3.00 MF$ 0.65

A-C PROPULSION SYSTEM FOR BARTD RAIL CAR APPLICATION.
PB-175 961 21C U67 22 MC$ 3.00 MF$ 0.65

RANDOM LOAD
FATIGUE LIFE UNDER RANDOM LOADING FOR SEVERAL POWER SPECTRAL SHAPES.
N67-35726 11F S05 21 MC$ 3.00 MF$ 0.65

RANGE FINDING, TANKS(COMBAT VEHICLES)
STUDY OF ERRORS IN RANGE ESTIMATION WITH THE UNAIDED EYE.
AD-658 582 17H U67 22 MC$ 3.00 MF$ 0.65

RANGER PROJECT
RANGER LAUNCH VEHICLE INTEGRATION SUMMARY.
N67-35448 22D S05 21 MC$ 3.00 MF$ 0.65

RANGER VII LUNAR PROBE
SPACE PROGRAMS SUMMARY NO. 37-30, VOLUME VI FOR THE PERIOD SEPTEMBER 1, 1964 TO OCTOBER 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-35546 22C S05 21 MC$ 3.00 MF$ 0.65

SPACE PROGRAMS SUMMARY NO. 37-29, VOLUME VI FOR THE PERIOD JULY 1, 1964 TO AUGUST 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-36100 22B S05 21 MC$ 3.00 MF$ 0.65

REACTION KINETICS, COMBUSTION
EXPERIMENTAL AND ANALYTICAL STUDY OF THE H2-AIR REACTION KINETICS USING A STANDING-WAVE NORMAL SHOCK.
AD-658 434 21B U67 22 MC$ 3.00 MF$ 0.65

REACTION(PSYCHOLOGY), BEHAVIOR
REACTION SYSTEMS AND INSTABILITY IN INTERPERSONAL AND INTERNATIONAL AFFAIRS.
AD-658 901 5J U67 22 MC$ 3.00 MF$ 0.65

REACTION(PSYCHOLOGY), SELECTION
RESPONSE SELECTION IN KEEPING TRACK OF SEVERAL THINGS AT ONCE.
AD-658 900 5J U67 22

REACTOR CORES, BREEDER REACTORS
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS HELD AT ARGONNE NATIONAL LABORATORY, ILLINOIS, OCTOBER 10-13, 1966.
ANL-7320 9B N21 19 MC$ 3.00 MF$ 0.65

REACTOR FUEL CLADDING, FAST REACTORS
AEC FUELS AND MATERIALS DEVELOPMENT PROGRAM PROGRESS REPORT NO. 67.
GEMP-67 18J N21 19 MC$ 3.00 MF$ 0.65

REACTOR FUEL CLADDING, TRANSFORMATIONS
SPECIFIC HEATS AND HEATS OF TRANSFORMATION OF ZIRCALOY-2 AND LOW-NICKEL ZIRCALOY-2.
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THEORETICAL STUDIES OF THE RE-ENTRY OF PLUTONIUM FUEL.
SC-CR-67-2578 18J N21 19 MC$ 3.00 MF$ 0.65

REACTOR FUELS, POWER REACTORS
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS HELD AT ARGONNE NATIONAL LABORATORY, ILLINOIS, OCTOBER 10-13, 1966.
ANL-7320 9B N21 19 MC$ 3.00 MF$ 0.65

MOLTEN-SALT REACTOR PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING FEBRUARY 28, 1967.
ORNL-4119 18D N21 19 MC$ 3.00 MF$ 0.65

REACTOR FUELS, SPECIFIC HEAT

SPECIFIC HEATS AND HEATS OF TRANSFORMATION OF ZIRCALOY-2 AND LOW-NICKEL ZIRCALOY-2,
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REACTOR KINETICS, REACTOR SHUTDOWN
ANALYSIS OF SNAPTRAN-1 AND -2 REACTOR KINETICS EXPERIMENTS,
NAA-SR-11850 18I N21 19 HC$ 3.00 MF$ 0.65

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ANALYSIS OF SNAPTRAN-3 DESTRUCTIVE EXPERIMENT,
NAA-SR-9780-ADD-1 18N N21 19 HC$ 3.00 MF$ 0.65

REACTOR MATERIALS, FISSION PRODUCTS
NUCLEAR ENGINEERING DEPARTMENT ANNUAL REPORT, DECEMBER 31, 1966.
BNL-50023 18I N21 19 HC$ 3.00 MF$ 0.65

REACTOR MATERIALS, RADIATION DAMAGE
AEC FUELS AND MATERIALS DEVELOPMENT PROGRAM PROGRESS REPORT NO. 67.
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REACTOR MATERIALS, RECOVERY
PROCESS VESSEL CALIBRATION, A TOOL FOR CONTROLLING MATERIAL UNACCOUNTED FOR (MUF),
RFP-858 18J N21 19 HC$ 3.00 MF$ 0.65

REACTOR MATERIALS, WIND TUNNELS
EXPERIMENTAL INVESTIGATION OF THE THERMOCHEMICAL BEHAVIOR OF SNAP FUEL MATERIAL IN A HYPERTHERMAL WIND TUNNEL,
NAA-SR-12082 18J N21 19 HC$ 3.00 MF$ 0.65

REACTOR SAFETY SYSTEMS, AUXILIARY POWER PLANTS
ANALYSIS OF SNAPTRAN-1 AND -2 REACTOR KINETICS EXPERIMENTS,
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REACTOR SAFETY SYSTEMS, FAST REACTORS
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REACTOR SAFETY SYSTEMS, NUCLEAR POWER PLANTS
RAPID (REACTOR AND PLANT INTEGRATED DYNAMICS) COMPUTER PROGRAM,
LA-3694 18I N21 19 HC$ 3.00 MF$ 0.65

REACTOR SHIELDING CALCULATIONS, PROGRAMMING(COMPUTERS)
GRAMS A FORTRAN PROGRAM TO SOLVE GAMMA RAY PENETRATION PROBLEMS IN MULTISLAB SHIELDS. VOLUME I. NUMERICAL METHODS,
NAA-SR-12337-VOL-1 18F N21 19 HC$ 3.00 MF$ 0.65

REACTOR SHUTDOWN, REACTOR KINETICS
ANALYSIS OF SNAPTRAN-1 AND -2 REACTOR KINETICS EXPERIMENTS,
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REACTOR START-UP SOURCES, FAST REACTORS
THE SYSTEMS-QUALITY SODIUM LOOP DESIGN, CONSTRUCTION, AND STARTUP,
NAA-SR-12327 18I N21 19 HC$ 3.00 MF$ 0.65

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MEASUREMENTS OF THE REACTIVITY PROPERTIES OF THE AGESTA NUCLEAR POWER REACTOR AT ZERO POWER.
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JPDR THERMAL AND HYDRAULIC CHARACTERISTICS MEASURED BY AN INSTRUMENTED FUEL ASSEMBLY (IFA) AND THEIR ANALYSES BY A COMPUTER CODE " J R- HYDRO".
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THE DEVELOPMENT OF A READING MACHINE FOR THE BLIND.
PB-176 090 9B U67 22 HC$ 3.00 MF$ 0.65

REAL TIME, COMPUTERS
ANALYTICAL CHEMISTRY SECTION PROGRESS REPORT, JANUARY 1-DECEMBER 31, 1966,
UCRL-50006-67-1 7D N21 19 HC$ 3.00 MF$ 0.65

REASONING, VISUAL PERCEPTION
PERCEPTUAL DEFICIT DURING A MENTAL TASK,
AD-658 930 5J U67 22

RECALL, DECISION MAKING
DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R. PETERSON AND CHARLES N. COFER,
AD-658 926 5J U67 22

RECALL, GRAMMARS
SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION,
AD-658 932 5J U67 22

RECORDING INSTRUMENT
METHOD OF ANALYZING DYNAMIC DATA CHARACTERIZED BY A TIME-VARYING FREQUENCY SPECTRUM.
N67-35592 9B S05 21 HC$ 3.00 MF$ 0.65

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A HIGH SPEED DIGITAL RECORDER FOR ATMOSPHERIC NOISE (SFERIC) WAVEFORMS,
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RECORDS, DIGITAL COMPUTERS
THE MADAM SYSTEM DATA MANAGEMENT WITH A SMALL COMPUTER.
AD-658 472 5A U67 22 HC$ 3.00 MF$ 0.65

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FEASIBILITY OF DEVELOPING COMMERCIAL RECREATION AND TOURISM FACILITIES, SANTA CLARA RESERVATION, NEW MEXICO.
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RECRUITING, SELECTION
AN INTENSIVE INVESTIGATION OF THE PROBLEMS ASSOCIATED WITH YOUNG MEN WHO ARE MENTALLY UNQUALIFIED FOR MILITARY SERVICE.
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RECRYSTALLIZATION
EFFECT OF RECRYSTALLIZATION ON FRICTION PROPERTIES OF SOME METALS IN SINGLE-CRYSTAL AND POLYCRYSTALLINE FORM.
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RECTANGULAR PLATE
PLANE-STRESS ANALYSIS OF AN EDGE-STIFFENED RECTANGULAR PLATE SUBJECTED TO BOUNDARY LOADS, BOUNDARY DISPLACEMENTS, AND TEMPERATURE GRADIENTS.
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REENTRY BODY
AERODYNAMIC INVESTIGATION OF SOME HIGH-DRAG ENTRY SHAPES AT MACH 15.4.
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REFLEXES, MEASUREMENT
RELATIONSHIPS BETWEEN SENSITIVITIES OF BLOOD-VOLUME CHANGE, PULSE-VOLUME CHANGE, AND THE GSR.
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REFRACTIVE INDEX
ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES.
N67-36004 20N S05 21 HC$ 3.00 MF$ 0.65

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REFRACTOMETRIC SENSING OF H2SO4 SPECIFIC GRAVITY IN LEAD-ACID CELL OPERATION,
AD-658 747 10G U67 22 HC$ 3.00 MF$ 0.65

REFRACTORY METAL
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS FINAL REPORT, 1 MAR. 1964 - 30 JUN. 1967.
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THE SINGLE-ENGINE CLAUDE CYCLE AS A 4.2K REFRIGERATOR.
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REGRESSION ANALYSIS, NUMERICAL METHODS AND PROCEDURES
ON STEPWISE MULTIPLE LINEAR REGRESSION,
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REINFORCED CONCRETE, BLAST
A DYNAMIC ULTIMATE STRENGTH STUDY OF SIMPLY SUPPORTED TWO-WAY REINFORCED CONCRETE SLABS.
AD-658 749 13M U67 22 MF$ 0.65

REINFORCED CONCRETE, CRACKS
PERFORMANCE OF COMPOSITE LIGHTWEIGHT CONCRETE DECKS ON STEEL STRINGERS,
PB-176 067 13M U67 22 HC$ 3.00 MF$ 0.65

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AN EVALUATION OF TERMINAL ANCHORAGE INSTALLATIONS ON RIGID PAVEMENTS.
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SILICON CARBIDE FILAMENT REINFORCED EPOXY RESIN COMPOSITES.
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COLLOIDAL ASBESTOS FIBRILS AS REINFORCEMENTS FOR POLYMERIC STRUCTURES.
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PHYSICAL TESTING OF MECHANICALLY SPLICED REINFORCING BAR USING A SLEEVE WITH METAL FILLER PROCESS.
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RELATIVISTIC PLASMA
LANDAU DAMPING IN A RELATIVISTIC PLASMA.
N67-36035 20I S05 21 HC$ 3.00 MF$ 0.65

RELATIVITY THEORY, ASTRONOMY
ASTRONOMICAL CONSTANTS AND PLANETARY EPHEMERIDES DEDUCED FROM RADAR AND OPTICAL OBSERVATIONS.
AD-658 914 3A U67 22

RELAXATION METHOD
A STUDY OF ROTATIONAL RELAXATION IN A LOW- DENSITY HYPERSONIC FREE JET BY MEANS OF IMPACT-PRESSURE MEASUREMENTS.
N67-36171 7D S05 21 HC$ 3.00 MF$ 0.65

REMOTE CONTROL
ROVING VEHICLE MOTION CONTROL QUARTERLY REPORT, 1 MAR. - 31 MAY 1967.
N67-36079 22C S05 21 HC$ 3.00 MF$ 0.65

RESEARCH PROGRAM ADMINISTRATION, DECISION MAKING
PARALLEL AND SEQUENTIAL STRATEGIES FOR R AND D PROJECTS.
AD-658 544 5A U67 22

RESEARCH PROGRAM ADMINISTRATION, MANAGEMENT ENGINEERING
PROGRAM OF RESEARCH ON THE MANAGEMENT OF RESEARCH AND DEVELOPMENT.
AD-658 897 5A U67 22 HC$ 3.00 MF$ 0.65

RESEARCH PROJECT
STATISTICAL COMMUNICATION THEORY FINAL REPORT, 1 DEC. 1963 -

31 MAR. 1967.
N67-35370 17B S05 21 HC$ 3.00 MF$ 0.65

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N67-36101 22B S05 21 HC$ 3.00 MF$ 0.65

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RELATIONSHIPS BETWEEN SENSITIVITIES OF BLOOD-VOLUME CHANGE, PULSE-VOLUME CHANGE, AND THE GSR.
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RETENTION, INTERFERENCE
ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 20 MINUTES FILLED WITH AN EASY OR DIFFICULT INFORMATION PROCESSING TASK.
AD-658 928 5J U67 22

RHENIUM ALLOYS, ATOMIC STRUCTURE
X-RAY DIFFRACTION STUDY OF ORDERING IN TWO SIGMA PHASES.
AD-658 794 11F U67 22

RINGS(MATHEMATICS), MEASURE THEORY
CONVOLUTION ALGEBRAS ON LOCALLY COMPACT SPACES.
AD-658 992 12A U67 22 HC$ 3.00 MF$ 0.65

RINGS, CHEMICAL PRECIPITATION
BIBLIOGRAPHY OF LIESEGANG RINGS (2D. ED.).
NBS-MISC PUB-292 7D U67 22 HC$ 0.40 MF$ 0.65

RINGS, STRUCTURAL PROPERTIES
CIRCULAR RING REDUNDANTS.
AD-658 683 13H U67 22 HC$ 3.00 MF$ 0.65

ROADS, CONSTRUCTION
CONSTRUCTION AGGREGATE AVAILABILITY STUDY. SUMMARY REPORT HIGHWAY DISTRICT IV.
PB-176 057 13C U67 22 HC$ 3.00 MF$ 0.65

THE STATISTICAL APPROACH TO QUALITY CONTROL IN HIGHWAY CONSTRUCTION.
PB-176 059 13B U67 22 HC$ 3.00 MF$ 0.65

ROADS, ECONOMICS
A STUDY OF THE ECONOMIC IMPACT OF INTERSTATE HIGHWAY 10 ON CHAMBERS COUNTY, TEXAS.
PB-175 947 5C U67 22 HC$ 3.00 MF$ 0.65

A STUDY OF AIRSPACE UTILIZATION.
PB-176 069 13B U67 22 HC$ 3.00 MF$ 0.65

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DETERMINATION OF PHYSICAL CRITERIA FOR ROADSIDE ENERGY CONVERSION SYSTEMS.
PB-175 919 13L U67 22 HC$ 3.00 MF$ 0.65

ROADS, SIGNALS
INTERIM REPORT ON ROADSIDE SIGN VISIBILITY.
PB-176 103 13B U67 22 HC$ 3.00 MF$ 0.65

ROCKET CHAMBER
EXPERIMENTAL HEAT-TRANSFER STUDY OF A REGENERATIVELY COOLED HYDROGEN-FLUORINE ROCKET ENGINE AT LOW CHAMBER PRESSURE.
N67-35667 21H S05 21 HC$ 3.00 MF$ 0.65

ROCKET COMBUSTOR
GASEOUS-HYDROGEN LIQUID-OXYGEN ROCKET COMBUSTION AT SUPERCRITICAL CHAMBER PRESSURES.
N67-35666 21B S05 21 HC$ 3.00 MF$ 0.65

ROCKET ENGINE
ESTIMATES OF LOCAL AND AVERAGE FUEL TEMPERATURES IN A GASEOUS NUCLEAR ROCKET ENGINE.
N67-35764 21F S05 21 HC$ 3.00 MF$ 0.65

ROCKET ENGINE NOISE
FAR-FIELD ACOUSTIC ENVIRONMENTAL PREDICTIONS FOR LAUNCH OF SATURN V AND A SATURN V MLV CONFIGURATION.
N67-35775 22D S05 21 HC$ 3.00 MF$ 0.65

ROCKET MOTORS(LIQUID PROPELLANT), PERFORMANCE(ENGINEERING)
SYSTEM EFFECTS ON PROPELLANT STORABILITY AND VEHICLE PERFORMANCE.
AD-467 569 21H U67 22 HC$ 3.00 MF$ 0.65

ROCKET MOTORS(SOLID PROPELLANT), ROCKET-PROPELLED SLEDS
CRITERIA FOR SELECTING SOLID ROCKET MOTORS AS TRACK TEST PROPULSION.
AD-658 841 14B U67 22 HC$ 3.00 MF$ 0.65

ROCKET-PROPELLED SLEDS, HYPERSONIC TEST VEHICLES
SOME BASIC TECHNICAL CONSIDERATIONS FOR THE DEVELOPMENT OF ROCKET SLEDS FOR THE HYPERSONIC SPEED REGIME.
AD-658 842 14B U67 22 HC$ 3.00 MF$ 0.65

ROCKET-PROPELLED SLEDS, ROCKET MOTORS(SOLID PROPELLANT)
CRITERIA FOR SELECTING SOLID ROCKET MOTORS AS TRACK TEST PROPULSION.
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ROLL, AERODYNAMIC CONFIGURATIONS
EFFECTS OF ROLL ON THE FREE-FLIGHT MOTION OF STATICALLY STABLE BODIES.
AD-658 433 20D U67 22 HC$ 3.00 MF$ 0.65

ROVING
ROVING VEHICLE MOTION CONTROL QUARTERLY REPORT, 1 MAR. - 31 MAY 1967.
N67-36079 22C S05 21 HC$ 3.00 MF$ 0.65

RUBBER, TENSILE PROPERTIES
TENSILE STRENGTH OF RUBBERS.
AD-659 065 11J U67 22 HC$ 3.00 MF$ 0.65

RUNWAYS, VISIBILITY
AN ANALYSIS OF RUNWAY VISUAL RANGE.
AD-658 537 1B U67 22 HC$ 3.00 MF$ 0.65

RURAL AREAS, USSR
CONSUMPTION COOPERATION IN RURAL AREAS IN THE USSR A COMMENT.
AD-658 425 5C U67 22 HC$ 3.00 MF$ 0.65

SAFETY, ROADS
DETERMINATION OF PHYSICAL CRITERIA FOR ROADSIDE ENERGY CONVERSION SYSTEMS.
PB-175 919 13L U67 22 HC$ 3.00 MF$ 0.65

SALINOMETERS, SEA WATER
ELECTROLYTIC CONDUCTANCE OF SEA WATER AND THE SALINOMETER. AN ADDENUM TO THE REVIEW.
AD-658 704 8J U67 22

SALVAGE, UNDERWATER VEHICLES
FORCE REQUIRED TO EXTRACT OBJECTS FROM DEEP OCEAN BOTTOM.
AD-658 757 13J U67 22 HC$ 3.00 MF$ 0.65

SAMARIUM, ATOMIC SPECTROSCOPY
SPECTRUM OF SM III.
AD-658 954 7D U67 22

SAMARIUM, NUCLEAR ISOBARS
ISOBARIC ANALOGUE STATES IN HEAVY NUCLEI. IV. SAMARIUM ISOTOPES.
AD-658 923 20H U67 22

SAMPLERS, CONTROL SYSTEMS
A TAPE PROGRAMMED SEQUENTIAL SAMPLER.
PB-175 925 4B U67 22 HC$ 3.00 MF$ 0.65

SAMPLERS, DESIGN
DESIGNS AND DESCRIPTIONS OF MECHANICAL SAMPLERS IN USE AT GRAND JUNCTION, COLORADO.
RMO-3007 14B N21 19 HC$ 3.00 MF$ 0.65

SAMPLING, APPROXIMATION(MATHEMATICS)
APPROXIMATIONS OF BEST LINEAR, UNBIASED ORDER-STATISTIC ESTIMATORS.
AD-658 845 12A U67 22 HC$ 3.00 MF$ 0.65

SAMPLING, COMPUTER PROGRAMS
SOME AOQ AND AFI VALUES FOR THE DODGE AND TORREY CSP-3 CONTINUOUS SAMPLING PLAN.
Y-1585 13H N21 19 HC$ 3.00 MF$ 0.65

SAMPLING, INTERPOLATION
OPTIMUM LINEAR INTERPOLATION OF SAMPLED FUNCTIONS.
AD-658 862 12B U67 22 HC$ 3.00 MF$ 0.65

SAMPLING, RANDOM VARIABLES
CORRELATION OF RANGES OF CORRELATED DEVIATES.
AD-658 787 12A U67 22

SAND, LOADING(MECHANICS)
ACTIVE ARCHING OF SAND DURING DYNAMIC LOADING RESULTS OF AN EXPERIMENTAL PROGRAM AND DEVELOPMENT OF AN ANALYTICAL PROCEDURE.
AD-658 502 8H U67 22 HC$ 3.00 MF$ 0.65

SANITARY ENGINEERING, HANDBOOKS
PIPEFITTING, PLUMBING HANDBOOK. ENGINEERED PERFORMANCE STANDARDS, PUBLIC WORKS MAINTENANCE.
PB-175 985 13K U67 22 HC$ 3.00 MF$ 0.65

SANITARY ENGINEERING, MAINTENANCE
PIPEFITTING, PLUMBING FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-175 927 13K U67 22 HC$ 3.00 MF$ 0.65

SATELLITE ATTITUDE CONTROL
ANALYSIS AND DESIGN OF SPACE VEHICLE FLIGHT CONTROL SYSTEMS. VOLUME XII - ATTITUDE CONTROL IN SPACE.
N67-35557 22B S05 21 HC$ 3.00 MF$ 0.65

MINIMUM-FUEL ATTITUDE CONTROL OF A RIGID BODY IN ORBIT BY AN EXTENDED METHOD OF STEEPEST-DESCENT.
N67-36002 22B S05 21 HC$ 3.00 MF$ 0.65

SATELLITE COMMUNICATION
TRANSIONOSPHERIC PROPAGATION OF FM SIGNALS.
N67-35529 17B S05 21 HC$ 3.00 MF$ 0.65

SATELLITE ORBIT
PRELIMINARY STUDY OF INERTIAL GUIDANCE LAWS.
N67-35929 22C S05 21 HC$ 3.00 MF$ 0.65

SATELLITE PHOTOGRAPHY
OPTICAL IMAGERS FOR THE SMALL EARTH RESOURCES SATELLITE.
N67-36064 20F S05 21 HC$ 3.00 MF$ 0.65

SATELLITE TELEVISION
TECHNICAL STUDY - FACTORS AFFECTING THE DESIGN OF EXPERIMENTAL SYSTEMS FOR TELEVISION DISTRIBUTION BY SATELLITES, PART I, VOLUME II.
N67-36064 17B S05 21 HC$ 3.00 MF$ 0.65

SATELLITE TRACKING
LUNAR FAR-SIDE COMMUNICATION SATELLITES.
N67-35465 22B S05 21 HC$ 3.00 MF$ 0.65

SATELLITES(ARTIFICIAL), MOTION PICTURE CAMERAS

DETERMINATION OF THE DISTORTION AND THE FOCAL LENGTH FOR THE OBJECTIVE-LENS OF THE CAMERA NAFA-3C/25 AND A CAMERA WITH A MOVING FILM,
AD-658 767 14E U67 22 HC$ 3.00 MF$ 0.65

SATELLITES(ARTIFICIAL), SHIELDING
VAN ALLEN BELT SIMULATION.
AD-658 780 22B U67 22

SATELLITE-BORNE RADAR
BISTATIC-RADAR IMAGING AND MEASUREMENT TECHNIQUES FOR THE STUDY OF PLANETARY SURFACES.
N67-36611 9F S05 21 HC$ 3.00 MF$ 0.65

SATURN IB LAUNCH VEHICLE
FEASIBILITY STUDY FOR A HYDROGEN GAS LEAK DETECTION SYSTEM AS REQUIRED FOR USE ON INFLIGHT EXPERIMENTS FINAL REPORT, 1 JUL. 1966 - 25 JAN. 1967.
N67-35358 14B S05 21 HC$ 3.00 MF$ 0.65

SATURN LAUNCH VEHICLE
DEVELOPMENT OF GLASS PASSIVATION METHOD FOR SEMICONDUCTOR DEVICES FOR SATURN SYSTEM QUARTERLY PROGRESS REPORT, 28 JUN. - 28 SEP. 1966.
N67-35628 13H S05 21 HC$ 3.00 MF$ 0.65

SATURN V LAUNCH VEHICLE
FAR-FIELD ACOUSTIC ENVIRONMENTAL PREDICTIONS FOR LAUNCH OF SATURN V AND A SATURN V NLV CONFIGURATION.
N67-35775 22D S05 21 HC$ 3.00 MF$ 0.65

SCALE MODEL
SCALE FACTORS FOR PARACHUTE OPENING.
N67-35778 1A S05 21 HC$ 3.00 MF$ 0.65

SCANDIUM
DIFFERENTIAL CROSS SECTIONS FOR (D, ALPHA) REACTION ON SCANDIUM 45.
N67-35665 20H S05 21 HC$ 3.00 MF$ 0.65

SCATTERING
DEFECT PRODUCTION IN SINGLE CRYSTALS RESULTING FROM ION BOMBARDMENT SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1967.
N67-35944 20L S05 21 HC$ 3.00 MF$ 0.65

SCATTERING CROSS SECTION
SLOW-ELECTRON SCATTERING BY STRONGLY POLAR MOLECULES.
N67-35955 7G S05 21 HC$ 3.00 MF$ 0.65

ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES.
N67-36606 20N S05 21 HC$ 3.00 MF$ 0.65

SCIENCE
INDEX TO NASA TECH BRIEFS, JANUARY - JUNE 1967.
N67-35596 5B S05 21 HC$ 3.00 MF$ 0.65

SCIENTIFIC RESEARCH, ABSTRACTS
R AND D ABSTRACTS. VOLUME 20 NUMBER 13, 1-15 JULY 1967.
AD-658 978 5B U67 22 HC$ 3.00 MF$ 0.65

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AD-658 439 9B U67 22 HC$ 3.00 MF$ 0.65

SEA WATER, DESALINATION
ENGLISH TRANSLATIONS OF USSR TECHNICAL PUBLICATIONS ON DESALINATION OF WATER, 1966.
AEC-TR-6885 7A N21 19 HC$ 3.00 MF$ 0.65

SEA WATER, SALINOMETERS
ELECTROLYTIC CONDUCTANCE OF SEA WATER AND THE SALINOMETER. AN ADDENUM TO THE REVIEW,
AD-658 704 8J U67 22

SECONDARY EMISSION, MATHEMATICAL MODELS
THEORETICAL ANALYSIS OF A SECONDARY EMISSION EXPERIMENT ON INSULATORS,
AD-658 831 20C U67 22 HC$ 3.00 MF$ 0.65

SEDIMENTARY ROCK, ISOTOPES
MARINE DOLOMITE OF UNUSUAL ISOTOPIC COMPOSITION,
AD-658 707 8G U67 22

SEDIMENTATION, STRUCTURAL GEOLOGY
GEOLOGICAL STUDIES OF THE WEST INDIES,
AD-658 696 8G U67 22

LATE PLEISTOCENE AND HOLOCENE SEDIMENTATION IN THE LAURENTIAN CHANNEL,
AD-658 697 8G U67 22

SEISMIC WAVES, ANOMALIES
AMPLITUDE ANOMALIES AT LASA,
AD-658 495 17J U67 22 HC$ 3.00 MF$ 0.65

SEISMIC WAVES, COMPUTER PROGRAMS
PROGRAMA DE CALCULO ELECTRONICO PARA LOCALIZACION DE SISMOS PROXIMOS EN LA REGION DE LA PENINSULA IBERICA (THE ELECTRONIC COMPUTER PROGRAM FOR LOCALIZATION OF NEAR SEISMIC IN THE IBERIAN PENISULA REGION),
AD-658 484 8K U67 22 HC$ 3.00 MF$ 0.65

SEISMIC WAVES, DETECTION
ANALYSIS OF A 'SEISMIC FENCE' FOR INTRUSION DETECTION (EXPERIMENTAL AND THEORETICAL RESULTS).
AD-658 654 17J U67 22 HC$ 3.00 MF$ 0.65

SEISMIC WAVES, PROPAGATION
TRAVEL - TIME ANOMALIES AT LASA,
AD-658 492 17J U67 22 HC$ 3.00 MF$ 0.65

SEISMIC WAVES, UNDERGROUND
GROUND MOTION DIAGRAMS FROM PULSE TRANSMISSION THROUGH SIMPLE LAYERED STRUCTURES.
AD-658 700 8K U67 22

SEISMOLOGICAL STATIONS, SEISMOLOGY
TRAVEL - TIME ANOMALIES AT LASA,
AD-658 492 17J U67 22 HC$ 3.00 MF$ 0.65

SELENIUM ALLOYS, BAND THEORY OF SOLIDS
INVERSION OF CONDUCTION AND VALENCE BANDS IN PB1-XSNXSE ALLOYS,
AD-658 771 20L U67 22

SELF-ADAPTIVE SYSTEM
STUDY AND APPLICATIONS OF RETRODIRECTIVE AND SELF-ADAPTIVE ELECTROMAGNETIC WAVE CONTROLS TO A MARS PROBE QUARTERLY REPORT, 1 OCT. - 31 DEC. 1965.
N67-35372 17B S05 21 HC$ 3.00 MF$ 0.65

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N67-36606 9F S05 21 HC$ 3.00 MF$ 0.65

SEMANTICS, ENGLISH LANGUAGE
SOME NOUN-TO-NOUN DERIVATIONAL AFFIXES.
AD-658 887 5G U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTING FILMS, EPITAXIAL GROWTH
GROWTH OF EPITAXIAL GERMANIUM FILMS FROM SUPERCOOLED DROPS,
AD-658 650 20L U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTING FILMS, LEAD ALLOYS
INVERSION OF CONDUCTION AND VALENCE BANDS IN PB1-XSNXSE ALLOYS,
AD-658 771 20L U67 22

SEMICONDUCTOR DEVICE
DEVELOPMENT OF GLASS PASSIVATION METHOD FOR SEMICONDUCTOR DEVICES FOR SATURN SYSTEM QUARTERLY PROGRESS REPORT, 28 JUN. - 28 SEP. 1966.
N67-35628 13H S05 21 HC$ 3.00 MF$ 0.65

SEMICONDUCTOR DEVICES, LASERS
A STUDY OF PHOTON LOSS IN THE ACTIVE AND PASSIVE REGIONS OF A SEMICONDUCTOR LASER.
AD-658 676 20E U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTOR DEVICES, RELIABILITY(ELECTRONICS)
SEMICONDUCTOR RELIABILITY.
AD-437 692 9A U67 22 HC$ 3.00

SEMICONDUCTOR LASER
K.M.E. NEWSLETTER AND RESEARCH REVIEW.
N67-36063 17I S05 21 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, BAND THEORY OF SOLIDS
MAGNETOPLASMA CYCLOTRON ABSORPTION IN PBSE,
AD-658 770 20L U67 22

SEMICONDUCTORS, CRYSTAL STRUCTURE
CRYSTAL STRUCTURAL STUDIES ON SEMI-CONDUCTIVE MATERIALS.
AD-659 002 20L U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, LEAD
HOT ELECTRON POLAR SCATTERING IN INSB,
AD-658 452 20L U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, MAGNETO-OPTIC EFFECT
ELECTROREFLECTANCE STUDY OF INTERBAND MAGNETO-OPTICAL TRANSITIONS IN INAS AND INSB AT 1.5K.
AD-658 835 20L U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, MATERIALS
FOREIGN SCIENCE BULLETIN, VOL. 3, NO. 7, 1967.
AD-658 439 9B U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, PLASMA MEDIUM
NANOSECOND KIBETIME, HIGH POWER, VARIABLE DELAY DOUBLE PULSER WITH APPLICATION TO ELECTRON-HOLE PLASMAS,
AD-658 773 14B U67 22 HC$ 3.00 MF$ 0.65

SEMICONDUCTORS, PROBES
A HALL FOUR-POINT PROBE ON THIN PLATES THEORY AND EXPERIMENT.
AD-658 913 20L U67 22

SEMICONDUCTORS, SUBLIMATION
THE VAPORIZATION OF ZINC PHOSPHIDE,
AD-658 763 7D U67 22

SENSOR
LIGHT SOURCES FOR REMOTE SENSING SYSTEMS.
N67-36490 20F S05 21 HC$ 3.00 MF$ 0.65

SENSORY DEPRIVATION, TESTS
RESTLESSNESS AND LIFE-SUSTAINING ACTIVITIES DURING FOUR DAYS OF SENSORY DEPRIVATION,
AD-658 940 6S U67 22

SENSORY FEEDBACK
SENSITIVITY AND STATE-VARIABLE FEEDBACK.
N67-35917 9G S05 21 HC$ 3.00 MF$ 0.65

SEQUENCES, CORRELATION TECHNIQUES
CROSSCORRELATION OF A MAXIMAL LENGTH BINARY SEQUENCE AND ITS SUBSEQUENCES.
AD-658 839 12B U67 22 HC$ 3.00 MF$ 0.65

SERVOCONTROL

SERVO CONTROL AND DATA SYNCHRONIZATION STUDY.
N67-35754 14C S05 21 HC$ 3.00 MF$ 0.65

SERVOMECHANISM
NIMROD OPERATION AND DEVELOPMENT QUARTERLY REPORT, SEP. 20 - DEC. 31, 1966.
N67-36486 20G S05 21 HC$ 3.00 MF$ 0.65

SET THEORY
INTEGRATION IN LOCALLY COMPACT SPACES BY MEANS OF UNIFORMLY DISTRIBUTED SEQUENCES.
N67-35945 12A S05 21 HC$ 3.00 MF$ 0.65

SHAFT COUPLINGS, THERMAL INSULATION
ANGULAR AXIAL BLOWER,
AD-658 532 13A U67 22 HC$ 3.00 MF$ 0.65

SHAFTS, JOURNAL BEARINGS
ANALOG COMPUTER STUDY OF THE DYNAMICS OF THE MRP COMBINED ROTATING UNIT SHAFT-BEARING SYSTEM. HYDROSTATIC FORCE IMPROVEMENT,
NAA-SR-12411 18I N21 19 HC$ 3.00 MF$ 0.65

SHELL STABILITY
PRESSURE STABILITY OF PROLATE SPHEROIDS.
N67-35447 20K S05 21 HC$ 3.00 MF$ 0.65

SHELTERS, REINFORCED CONCRETE
A DYNAMIC ULTIMATE STRENGTH STUDY OF SIMPLY SUPPORTED TWO-WAY REINFORCED CONCRETE SLABS.
AD-658 749 13M U67 22 MF$ 0.65

SHIELDING, SATELLITES(ARTIFICIAL)
VAN ALLEN BELT SIMULATION.
AD-658 780 22B U67 22

SHIP STRUCTURAL COMPONENTS, VIBRATION
VIBRATION MEASUREMENTS OF THE HULL, TRIPOD MAST, PROPULSION SYSTEM, AND RUDDER SYSTEM OF USS AUSTIN (LPD-4).
AD-659 054 13J U67 22 HC$ 3.00 MF$ 0.65

SHIPPING(MARINE), CARGO SHIPS
A PROFILE OF HUMAN FACTOR REQUIREMENTS IN THE MARITIME INDUSTRY,
PB-175 940 5E U67 22 HC$ 3.00 MF$ 0.65

SHOCK MEASURING APPARATUS
A PROCESS FOR MEASURING THE VELOCITY VARIATION OF SHOCK WAVES USING MICROWAVES.
N67-35404 1A S05 21 HC$ 3.00 MF$ 0.65

SHOCK WAVE
THE INTERACTION OF A LONG DURATION FRIEDLANDER SHAPED BLAST WAVE WITH AN INFINITELY LONG RIGHT CIRCULAR CYLINDER. INCIDENT BLAST WAVE 20.7 PSI, POSITIVE DURATION 50 MS AND A 16 CM DIAMETER CYLINDER.
N67-35832 18C S05 21 HC$ 3.00 MF$ 0.65

A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
N67-36403 1A S05 21 HC$ 3.00 MF$ 0.65

SHOCK WAVES, ELECTRON DENSITY
THE EFFECTS OF WATER VAPOR ON THE ELECTRON DENSITY OF SHOCK HEATED AIR,
AD-658 719 20I U67 22 HC$ 3.00 MF$ 0.65

SHOCK WAVES, LEADING EDGE
A METHOD OF SOLUTION WITH TABULATED RESULTS FOR THE ATTACHED OBLIQUE SHOCK-WAVE SYSTEM FOR SURFACES AT VARIOUS ANGLES OF ATTACK, SWEEP, AND DIHEDRAL IN AN EQUILIBRIUM REAL GAS INCLUDING THE ATMOSPHERE.
PB-175 864 1A U67 22 HC$ 3.00 MF$ 0.65

SHOCK WAVES, REACTION KINETICS
EXPERIMENTAL AND ANALYTICAL STUDY OF THE H2-AIR REACTION KINETICS USING A STANDING-WAVE NORMAL SHOCK.
AD-658 434 21B U67 22 HC$ 3.00 MF$ 0.65

SHOES, ARMY PERSONNEL
SURVEY OF FOOT MEASUREMENTS AND THE PROPER FIT OF ARMY SHOES. STUDY OF FACTORS BEARING ON THE ESTABLISHMENT OF SIZE TARIFFS, ON SIZE DESIGNATIONS, AND ON SHOE FITTING.
AD-658 562 15E U67 22 HC$ 3.00 MF$ 0.65

FOOT MEASUREMENTS OF PROPER FIT OF ARMY SHOES,
AD-658 682 6P U67 22 HC$ 3.00 MF$ 0.65

SHOES, DESIGN
SURVEY OF FOOT MEASUREMENTS AND THE PROPER FIT OF ARMY SHOES. ANALYSIS OF CHARACTERISTICS OF FOOTGEAR FOR ARMY FIELD USE.
AD-658 556 15E U67 22 HC$ 3.00 MF$ 0.65

SHORT TAKE-OFF PLANES, EXHAUST GASES
A REVIEW OF JET EFFLUX STUDIES APPLICABLE TO V/STOL AIRCRAFT,
AD-658 482 1C U67 22 HC$ 3.00 MF$ 0.65

SHORT TAKE-OFF PLANES, VOCABULARY
THE REPORT OF THE AD HOC COMMITTEE ON VSTOL TERMINOLOGY.
AD-658 545 1C U67 22 HC$ 3.00 MF$ 0.65

SIGNAL DETECTION
A COMPARISON OF DECISION SYSTEMS WITH DATA REJECTION.
N67-35916 9D S05 21 HC$ 3.00 MF$ 0.65

SIGNALS, VISIBILITY
INTERIM REPORT ON ROADSIDE SIGN VISIBILITY.
PB-176 103 13B U67 22 HC$ 3.00 MF$ 0.65

SILICATES, HIGH-TEMPERATURE RESEARCH
HIGH-TEMPERATURE ELASTICITY AND EXPANSIVITY OF FORSTERITE AND STEATITE.
AD-658 701 11B U67 22

SILICON CARBIDES, REINFORCED PLASTICS
SILICON CARBIDE FILAMENT REINFORCED EPOXY RESIN COMPOSITES.
AD-658 443 11D U67 22 HC$ 3.00 MF$ 0.65

SILICON COMPOUNDS, ELECTRODEPOSITION
CLOSED TUBE APPARATUS FOR THE DEPOSITION OF SILICON OXIDE.
AD-658 951 13H U67 22

SILVER-ZINC BATTERY
SEPARATOR DEVELOPMENT FOR A HEAT STERILIZABLE BATTERY
QUARTERLY REPORT, JAN. 1 - MAR. 31, 1967.
N67-35534 10C S05 21 HC$ 3.00 MF$ 0.65

SIMULATION
DYNAMIC MODEL INVESTIGATION OF WATER PRESSURES AND ACCELERATIONS ENCOUNTERED DURING LANDINGS OF THE APOLLO SPACECRAFT.
N67-36564 22B S05 21 HC$ 3.00 MF$ 0.65

SIMULATION, DIGITAL COMPUTERS
DIGITAL COMPUTER SIMULATION MODELING CONCEPTS,
AD-658 429 5A U67 22 HC$ 3.00 MF$ 0.65

SIMULATORS, MAINTENANCE
PLANET PART I. AVAILABILITY AND BASE CADRE SIMULATOR,
AD-658 431 15E U67 22 HC$ 3.00 MF$ 0.65

SINGLE CRYSTAL
DEFECT PRODUCTION IN SINGLE CRYSTALS RESULTING FROM ION BOMBARDMENT SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1967.
N67-35944 20L S05 21 HC$ 3.00 MF$ 0.65

STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS FINAL REPORT, 1 MAR. 1964 - 30 JUN. 1967.
N67-36081 20B S05 21 HC$ 3.00 MF$ 0.65

EFFECT OF RECRYSTALLIZATION ON FRICTION PROPERTIES OF SOME METALS IN SINGLE-CRYSTAL AND POLYCRYSTALLINE FORM.
N67-36391 11F S05 21 HC$ 3.00 MF$ 0.65

SINGLE CRYSTALS, FATIGUE(MECHANICS)
THE EFFECT OF REPEATED STRESSING ON THE BEHAVIOR OF LITHIUM FLUORIDE CRYSTALS.
PB-175 898 20K U67 22 HC$ 3.00 MF$ 0.65

SINGLE CRYSTALS, PEROVSKITES
SINGLE CRYSTAL PEROVSKITES AS ELECTROOPTICALLY ACTIVE MATERIALS.
AD-658 461 20B U67 22 HC$ 3.00 MF$ 0.65

SKIN FRICTION, TURBULENCE
TURBULENT SKIN FRICTION AT HIGH MACH NUMBERS AND REYNOLDS NUMBERS IN AIR AND HELIUM.
PB-175 887 1A U67 22 HC$ 3.00 MF$ 0.65

SKY BRIGHTNESS, INSTRUMENTATION
STUDIES OF AIRGLOW AND AURORA PHENOMENA USING INSTRUMENTATION TECHNIQUES.
AD-658 466 4A U67 22 HC$ 3.00 MF$ 0.65

SLAB
INPUT ADMITTANCE OF A COAXIAL TRANSMISSION LINE OPENING ONTO A FLAT, DIELECTRIC- COVERED GROUND PLANE.
N67-35734 9F S05 21 HC$ 3.00 MF$ 0.65

SLIDING FRICTION
EFFECT OF RECRYSTALLIZATION ON FRICTION PROPERTIES OF SOME METALS IN SINGLE-CRYSTAL AND POLYCRYSTALLINE FORM.
N67-36391 11F S05 21 HC$ 3.00 MF$ 0.65

SNAP- 8
CONDITIONING AND STEADY-STATE PEFORMANCE OF SNAP-8 TUBE-IN-SHELL MERCURY BOILER.
N67-35615 18N S05 21 HC$ 3.00 MF$ 0.65

SNOW, DENSITY
SOME OBSERVATIONS ON THE DENSIFICATION OF ALPINE SNOW COVERS.
AD-658 656 8L U67 22 HC$ 3.00 MF$ 0.65

SOCIOLOGY, CULTURE
THE PROCESS OF CROSS-CULTURAL INNOVATION,
AD-659 038 5K U67 22 HC$ 3.00 MF$ 0.65

SOCIOLOGY, MAN-MACHINE SYSTEMS
AN ETHICAL AND MORAL ANALYSIS OF THE DESIGN FOR A MAN-MACHINE COUNSELING SYSTEMS REACTIONS BY A UCLA GRADUATE CLASS IN COUNSELING.
AD-658 482 5K U67 22 HC$ 3.00 MF$ 0.65

SOCIOLOGY, SYSTEMS ENGINEERING
TECHNOLOGICAL CHANGE AND PUBLIC ADMINISTRATION.
AD-658 473 5K U67 22 HC$ 3.00 MF$ 0.65

CAVEAT EMPTOR SYSTEMATIBUS (LET THE BUYER OF SYSTEMS BEWARE).
AD-658 481 5A U67 22 HC$ 3.00 MF$ 0.65

SOCKS, ACCEPTABILITY
LETTER REPORT ON TEST OF SOCKS, CUSHION SOLE, EXPERIMENTAL,
AD-658 628 15E U67 22 HC$ 3.00 MF$ 0.65

SODIUM, NUCLEAR REACTORS
SRE-PEP PUMP PERFORMANCE,
NAA-SR-12409 18I N21 19 HC$ 3.00 MF$ 0.65

SODIUM, SPECIFICATIONS

THE SYSTEMS-QUALITY SODIUM LOOP DESIGN, CONSTRUCTION, AND STARTUP,
NAA-SR-12327 181 N21 19 HC$ 3.00 MF$ 0.65

SOIL MECHANICS, TRAFFICABILITY
A SUGGESTED PROCEDURE FOR THE SELECTION AND DESCRIPTION OF REFERENCE TEST AREAS,
AD-658 659 13F U67 22 HC$ 3.00 MF$ 0.65

SOILS, TEMPERATURE
A METHOD FOR DERIVING PREDICTIONS OF SOIL TEMPERATURE FROM MEDIUM-RANGE WEATHER FORECASTS.
PB-175 773 8M U67 22 HC$ 3.00 MF$ 0.65

SOLAR ACTIVITY
SPACE PROGRAM.
N67-36460 22A S05 21 HC$ 3.00 MF$ 0.65

SOLAR CELL
THEORETICAL PERFORMANCE OF SOLAR CELL SPACE POWER SYSTEMS USING SPECTRAL DISPERSION. II - DISPERSION BY DIFFRACTION GRATINGS.
N67-35759 10A S05 21 HC$ 3.00 MF$ 0.65

THEORETICAL PERFORMANCE OF SOLAR-CELL SPACE POWER SYSTEMS USING SPECTRAL DISPERSION. I - DISPERSION BY PRISM REFLECTOR.
N67-35760 10A S05 21 HC$ 3.00 MF$ 0.65

THERMAL STUDY OF SATELLITE.
N67-35931 22B S05 21 HC$ 3.00 MF$ 0.65

SOLAR CORONA, SPACE ENVIRONMENTAL CONDITIONS
THE CORONA FAR FROM THE SUN,
AD-658 811 3B U67 22

SOLAR COSMIC RAY
DIFFUSION OF SOLAR COSMIC RAYS AND THE POWER SPECTRUM OF THE INTERPLANETARY MAGNETIC FIELD.
N67-35866 20H S05 21 HC$ 3.00 MF$ 0.65

SOLAR GENERATOR
SOLAR THERMIONIC GENERATOR DEVELOPMENT QUARTERLY REPORT, MAR. 1 - JUN. 7, 1967.
N67-35553 10B S05 21 HC$ 3.00 MF$ 0.65

SOLAR MAGNETIC FIELD
CONCLUSIONS CONCERNING THE GENERAL MAGNETIC FIELD OF THE SUN.
N67-36098 3B S05 21 HC$ 3.00 MF$ 0.65

SOLAR PANELS, AERODYNAMIC CHARACTERISTICS
AN ANALYSIS OF LOW ORBITAL DRAG CONSTRAINTS OF ORBIT- AND SUN-ORIENTED SOLAR-CELL ARRAYS,
AD-658 483 22B U67 22 HC$ 3.00 MF$ 0.65

SOLAR RADIATION, ATTENUATION
ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION.
AD-658 826 4A U67 22 HC$ 3.00 MF$ 0.65

SOLAR SENSOR
THE EFFECT OF PLANETARY ALBEDO ON SOLAR ORIENTATION OF SPACECRAFT.
N67-35722 22A S05 21 HC$ 3.00 MF$ 0.65

SOLAR SIMULATION
DEVELOPMENT OF THERMAL TESTING TECHNIQUES AT HIGH SOLAR INTENSITIES FINAL REPORT, 13 AUG. 1965 - 13 MAY 1967.
N67-36489 22B S05 21 HC$ 3.00 MF$ 0.65

SOLAR WIND, SPACE ENVIRONMENTAL CONDITIONS
THE CORONA FAR FROM THE SUN,
AD-658 811 3B U67 22

SOLID STATE DEVICE
RESEARCH AND DEVELOPMENT ON AN ELECTRON- SENSITIVE SOLID STATE MATRIX FINAL REPORT.
N67-36507 9A S05 21 HC$ 3.00 MF$ 0.65

SOLID STATE PHYSICS, SCIENTIFIC RESEARCH
GENERAL RESEARCH.
AD-658 834 5A U67 22 HC$ 3.00 MF$ 0.65

SOLUTIONS, OPTICAL PHENOMENA
MEASUREMENT OF RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS BY THE ELECTRIC FIELD ON CRITICAL OPALESCENCE,
AD-658 801 7D U67 22

ELECTRIC FIELD EFFECT ON THE CRITICAL OPALESCENCE. II. RELAXATION TIMES OF CONCENTRATION FLUCTUATIONS,
AD-658 959 7D U67 22

SOLVENT
QUANTITATIVE INVESTIGATIONS ON STABLE BLUE SOLUTIONS OF SULPHUR IN ORGANIC SOLVENTS.
N67-35975 7D S05 21 HC$ 3.00 MF$ 0.65

SONAR SIGNALS, SPECTRUM SIGNATURES
THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME I,
AD-658 613 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME II,
AD-658 614 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME III,
AD-658 615 9D U67 22

SONAR TARGETS, MATHEMATICAL MODELS
ESTIMATION OF SONAR TARGET PARAMETERS.
PB-176 087 17A U67 22 HC$ 3.00 MF$ 0.65

SONIC BOOM
A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
N67-36403 1A S05 21 HC$ 3.00 MF$ 0.65

SOUND INTENSITY
FAR-FIELD ACOUSTIC ENVIRONMENTAL PREDICTIONS FOR LAUNCH OF SATURN V AND A SATURN V MLV CONFIGURATION.
N67-35775 22D S05 21 HC$ 3.00 MF$ 0.65

SOUNDING ROCKET
TEMPERATURE, PRESSURE, DENSITY AND WIND MEASUREMENTS IN THE UPPER STRATOSPHERE AND MESOSPHERE, 1965.
N67-35777 4A S05 21 HC$ 3.00 MF$ 0.65

DESCRIPTION OF SCIENTIFIC SOUNDING-ROCKET PROJECT S-18.
N67-35932 4A S05 21 HC$ 3.00 MF$ 0.65

SOUND, PROPAGATION
ON THE PROPAGATION OF A WEAK PRESSURE WAVE AT VERY LOW PRESSURE.
AD-659 041 20A U67 22 HC$ 3.00 MF$ 0.65

SOUND, SCATTERING
SOUND SCATTERING BY ELASTIC CYLINDERS.
AD-659 047 20A U67 22 HC$ 3.00 MF$ 0.65

SOUTH AMERICA, CLIMATOLOGY
AN ANNOTATED BIBLIOGRAPHY ON THE CLIMATE OF PARAGUAY,
PB-175 999 4B U67 22 HC$ 3.00 MF$ 0.65

SOUTH AMERICA, SOCIOLOGY
JAPANESE COLONIZATION IN EASTERN PARAGUAY,
AD-658 550 5K U67 22 MF$ 0.65

SPACE ENVIRONMENT
EFFECTS OF A SIMULATED SPACE ENVIRONMENT ON THERMAL RADIATION CHARACTERISTICS OF SELECTED BLACK COATINGS.
N67-35729 11C S05 21 HC$ 3.00 MF$ 0.65

SECOND AEROSPACE MECHANISMS SYMPOSIUM.
N67-36203 22A S05 21 HC$ 3.00 MF$ 0.65

SPACE EXPLORATION
SPACE PROGRAMS SUMMARY NO. 37-32, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1965 TO MARCH 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-35972 22B S05 21 HC$ 3.00 MF$ 0.65

CHEMOSYNTHETIC GAS EXCHANGER FINAL REPORT, 8 JUN. 1964 - 14 MAR. 1967.
N67-36592 6K S05 21 HC$ 3.00 MF$ 0.65

SPACE PROGRAMS SUMMARY NO. 37-27, VOLUME IV FOR THE PERIOD APRIL 1, 1964 TO MAY 31, 1964. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-36667 22B S05 21 HC$ 3.00 MF$ 0.65

SPACE MAINTENANCE, FEASIBILITY STUDIES
AN ASSESSMENT OF THE PRACTICALITY OF ORBITAL MAINTENANCE,
AD-658 454 22A U67 22 HC$ 3.00 MF$ 0.65

SPACE ORIENTATION
THE EFFECT OF PLANETARY ALBEDO ON SOLAR ORIENTATION OF SPACECRAFT.
N67-35722 22A S05 21 HC$ 3.00 MF$ 0.65

SPACE PROBE
MAGNETIC AND VELOCITY EFFECTS ON IONOSPHERIC ELECTRON CURRENT TO CYLINDRICAL ELECTROSTATIC PROBES.
N67-36082 4A S05 21 HC$ 3.00 MF$ 0.65

SPACE PROGRAM.
N67-36460 22A S05 21 HC$ 3.00 MF$ 0.65

SPACE PROGRAM
SPACE PROGRAMS SUMMARY NO. 37-27, VOLUME IV FOR THE PERIOD APRIL 1, 1964 TO MAY 31, 1964. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-36667 22B S05 21 HC$ 3.00 MF$ 0.65

SPACE PROPULSION, SYSTEMS ENGINEERING
SYSTEM EFFECTS ON PROPELLANT STORABILITY AND VEHICLE PERFORMANCE.
AD-467 569 21H U67 22 HC$ 3.00 MF$ 0.65

SPACE SCIENCE
RESEARCH AND ADVANCED DEVELOPMENT. VOLUME I - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF SPACE SCIENCES AND APPLICATIONS, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.
N67-35770 22A S05 21 HC$ 3.00 MF$ 0.65

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N67-35972 22B S05 21 HC$ 3.00 MF$ 0.65

SPACE PROGRAMS SUMMARY NO. 37-26, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1964 TO MARCH 31, 1964. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-36101 22B S05 21 HC$ 3.00 MF$ 0.65

SPACE SIMULATION
PLANETARY VEHICLE THERMAL INSULATION SYSTEMS, PHASE I SUMMARY REPORT.
N67-35552 11D S05 21 HC$ 3.00 MF$ 0.65

LIFE IN EXTRATERRESTRIAL ENVIRONMENTS QUARTERLY STATUS REPORT, 31 MAY - 31 AUG. 1967.
N67-36580 6F S05 21 HC$ 3.00 MF$ 0.65

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RESEARCH AND ADVANCED DEVELOPMENT. VOLUME II - SUPPORTING RESEARCH AND TECHNOLOGY FOR THE OFFICE OF ADVANCED RESEARCH AND TECHNOLOGY, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SEMIANNUAL REVIEW, 1 JUL. - 31 DEC. 1965.
N67-36013 22B S05 21 HC$ 3.00 MF$ 0.65

ROVING VEHICLE MOTION CONTROL QUARTERLY REPORT, 1 MAR. - 31 MAY 1967.
N67-36079 22C S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT COMPONENT
SECOND AEROSPACE MECHANISMS SYMPOSIUM.
N67-36203 22A S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT CONTROL
CONTROL AND STABILIZATION OF SPACECRAFT. VOLUME III - ACTIVE CONTROL SYSTEMS.
N67-36669 22C S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT DESIGN
THERMAL PROTECTION SYSTEM FOR A CRYOGENIC SPACECRAFT PROPULSION MODULE, VOLUME II FINAL REPORT.
N67-36077 22B S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT ELECTRONIC EQUIPMENT
ESFK 20-100 WATT S-BAND AMPLIFIER.
N67-35999 9A S05 21 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF A 100 WATT S-BAND TRAVELING-WAVE TUBE QUARTERLY REPORT.
N67-36281 9A S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT LANDING
DYNAMIC MODEL INVESTIGATION OF WATER PRESSURES AND ACCELERATIONS ENCOUNTERED DURING LANDINGS OF THE APOLLO SPACECRAFT.
N67-36504 22B S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT PERFORMANCE
LUNAR ORBITER 1. EXTENDED-MISSION SPACECRAFT SUBSYSTEM PERFORMANCE.
N67-35740 22B S05 21 HC$ 3.00 MF$ 0.65

APPLICATIONS TECHNOLOGY SATELLITE GRAVITY GRADIENT STABILIZATION SYSTEM QUARTERLY PROGRESS REPORT, 1 FEB. - 30 APR. 1967.
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PRELIMINARY STUDY OF APOGEE STAGE OF EUROPA I LAUNCH VEHICLE.
N67-35914 22C S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT SHIELDING
DEVELOPMENT OF PHASE-CHANGE COATINGS FOR USE AS VARIABLE THERMAL CONTROL SURFACES FINAL REPORT.
N67-36080 22B S05 21 HC$ 3.00 MF$ 0.65

SPACECRAFT, ATTITUDE CONTROL SYSTEMS
FACILITIES FOR SIMULATING ATTITUDE MOTION OF SPACECRAFT.
AD-658 990 14B U67 22 HC$ 3.00 MF$ 0.65

SPECIAL FUNCTIONS(MATHEMATICAL), APPROXIMATION(MATHEMATICS)
ON THE ACCURACY OF CERTAIN APPROXIMATIONS FOR THE CHAPMAN FUNCTION.
AD-658 826 4A U67 22 HC$ 3.00 MF$ 0.65

SPECIAL FUNCTIONS(MATHEMATICAL), TOPOLOGY
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION.
AD-659 010 12A U67 22

SPECIFIC HEAT, REACTOR FUELS
SPECIFIC HEATS AND HEATS OF TRANSFORMATION OF ZIRCALOY-2 AND LOW-NICKEL ZIRCALOY-2.
BMI-1803 18J N21 19 HC$ 3.00 MF$ 0.65

SPECIFICATIONS, SODIUM
THE SYSTEMS-QUALITY SODIUM LOOP DESIGN, CONSTRUCTION, AND STARTUP.
NAA-SR-12327 18I N21 19 HC$ 3.00 MF$ 0.65

SPECTRAL REFLECTANCE
THEORETICAL PERFORMANCE OF SOLAR-CELL SPACE POWER SYSTEMS USING SPECTRAL DISPERSION. I - DISPERSION BY PRISM REFLECTOR.
N67-35760 10A S05 21 HC$ 3.00 MF$ 0.65

SPECTROGRAPHIC CAMERAS, ASTRONOMICAL OBSERVATORIES
OBSERVATIONS OF QUASI-STELLAR AND HARO-LUYTEN BLUE OBJECTS.
AD-658 699 3A U67 22

SPECTROMETERS, ELECTRIC ARCS
COOLED CATHODE FOR STABILIZATION OF THE DC ARC.
AD-658 950 14B U67 22

SPECTROMETERS, INFRARED SPECTROSCOPY
INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE.
AD-658 866 20F U67 22 HC$ 3.00 MF$ 0.65

SPECTROPHOTOMETERS, NEPTUNIUM
SPECTROPHOTOMETRY OF NEPTUNIUM IN NITRIC ACID SOLUTIONS.
KFP-958 7A N21 19 HC$ 3.00 MF$ 0.65

SPECTROPHOTOMETERS, STARS
A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI.
AD-658 777 3A U67 22

SPECTROPHOTOMETRY
DEVELOPMENT OF TECHNIQUES TO IMPROVE BLADDER MATERIALS AND TEST METHODS (INTERIM REPORT, 18 MAY 1966 - 17 MAY 1967.
N67-36115 11I S05 21 HC$ 3.00 MF$ 0.65

SPECTROSCOPY
CALIBRATION STANDARDS FOR PHOTON SPECTROSCOPY BETWEEN 20-200 KE V.
N67-36459 14B S05 21 HC$ 3.00 MF$ 0.65

SPECTROSCOPY, PHOTOGRAPHIC EMULSIONS
ON EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION.
AD-658 457 14G U67 22 HC$ 3.00 MF$ 0.65

SPECTROSCOPY, STARS
A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI.
AD-658 777 3A U67 22

SPECTRUM SIGNATURES, DETECTION
THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME I.
AD-658 613 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME II.
AD-658 614 9D U67 22

THEORY AND APPLICATIONS OF STATISTICAL WAVE-PERIOD PROCESSING. VOLUME III.
AD-658 615 9D U67 22

SPEECH RECOGNITION, COMMUNICATION EQUIPMENT
SYLLABLE CODER COMMUNICATION SYSTEM.
AD-658 530 17B U67 22 HC$ 3.00 MF$ 0.65

SPEECH, CODING
SYLLABLE CODER COMMUNICATION SYSTEM.
AD-658 530 17B U67 22 HC$ 3.00 MF$ 0.65

SPEECH, COMMUNICATION SYSTEMS
CYBERNETICS AND SPEECH COMMUNICATIONS A SURVEY OF RUSSIAN LITERATURE.
AD-658 943 17B U67 22

SPEED REGULATION
HIGH-ACCURACY SPEED CONTROLLER USING PULSE COUNTING METHODS.
N67-35936 9C S05 21 HC$ 3.00 MF$ 0.65

STATIC PARASITIC SPEED CONTROLLER FOR BRAYTON-CYCLE TURBOALTERNATOR.
N67-36012 10C S05 21 HC$ 3.00 MF$ 0.65

SPHERE
NUMERICAL RESULTS FOR THE DIFFRACTION OF A NORMAL SHOCK WAVE BY A SPHERE AND FOR THE SUBSEQUENT TRANSIENT FLOW.
N67-35723 20D S05 21 HC$ 3.00 MF$ 0.65

ELECTROMAGNETIC SCATTERING FROM ABSORBING SPHERES.
N67-36604 20N S05 21 HC$ 3.00 MF$ 0.65

SPIN STABILIZATION
STUDY AND APPLICATIONS OF RETRODIRECTIVE AND SELF-ADAPTIVE ELECTROMAGNETIC WAVE CONTROLS TO A MARS PROBE QUARTERLY REPORT, 1 JAN. - 31 JUL. 1966.
N67-36606 9F S05 21 HC$ 3.00 MF$ 0.65

SPINELS, MAGNETIC PROPERTIES
HIGH-TEMPERATURE EXPANSIONS FOR THE CLASSICAL HEISENBERG MODEL. I. SPIN CORRELATION FUNCTION.
AD-658 762 20C U67 22

SPIN, AIRPLANES
STATUS OF SPIN RESEARCH FOR RECENT AIRPLANE DESIGNS.
PB-175 850 1C U67 22 HC$ 3.00 MF$ 0.65

SPIRAL ANTENNAS, LOG PERIODIC ANTENNAS
A THEORETICAL STUDY OF THE CONICAL SPIRAL ANTENNA.
AD-658 927 9B U67 22

SPRINGS, AUXILIARY POWER PLANTS
IRRADIATION TEST OF SNAP 8 CANDIDATE SPRING MATERIALS.
NAA-SR-11519 18J N21 19 HC$ 3.00 MF$ 0.65

SPUTTERING, DIELECTRICS
PARTICLE BOMBARDMENT BONDING AND WELDING INVESTIGATION.
AD-658 685 13H U67 22 HC$ 3.00 MF$ 0.65

STABILIZATION
APPLICATIONS TECHNOLOGY SATELLITE GRAVITY GRADIENT STABILIZATION SYSTEM QUARTERLY PROGRESS REPORT, 1 FEB. - 30 APR. 1967.
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CONTROL AND STABILIZATION OF SPACECRAFT. VOLUME III - ACTIVE CONTROL SYSTEMS.
N67-36669 22C S05 21 HC$ 3.00 MF$ 0.65

STAGE SEPARATION
CENTAUR AC-6 NOSE FAIRING SEPARATION TESTS.
N67-35375 22D S05 21 HC$ 3.00 MF$ 0.65

STAGNATION POINT, GAS IONIZATION

MERGED LAYER IONIZATION IN THE STAGNATION REGION OF A BLUNT BODY.
AD-658 859 20D U67 22 HC$ 3.00 MF$ 0.65

STAGNATION TEMPERATURE
DETERMINATION OF STAGNATION TEMPERATURES IN THE R.A.R.D.E. HYPERSONIC GUN TUNNEL FROM STREAK CAMERA MEASUREMENTS OF FLOW VELOCITY.
N67-36152 1A S05 21 HC$ 3.00 MF$ 0.65

STAINLESS STEEL
JOINING REFRACTORY/AUSTENITIC BIMETAL TUBING FINAL TECHNICAL REPORT, APR. 1965 - OCT. 1966.
N67-36029 13H S05 21 HC$ 3.00 MF$ 0.65

STAINLESS STEEL, FATIGUE(MECHANICS)
THE EFFECT OF INTERMEDIATE CONDITIONING IN THE PROCESS OF STEEL FATIGUE ON STEEL DURABILITY.
AD-658 879 11F U67 22 HC$ 3.00 MF$ 0.65

STALLING, AIRFOILS
STALL PROPAGATION IN A CASCADE OF AIRFOILS.
PB-175 862 1A U67 22 HC$ 3.00 MF$ 0.65

STANDARDS, WEIGHT
REALISTIC UNCERTAINTIES AND THE MASS MEASUREMENT PROCESS AN ILLUSTRATED REVIEW.
NBS-MONO-103 14B U67 22 HC$ 0.20 MF$ 0.65

STAPHYLOCOCCUS, RESISTANCE(BIOLOGICAL)
EPIDEMIOLOGICAL AND GENETICAL STUDIES ON THE DRUG-RESISTANCE OF STAPHYLOCOCCI.
AD-658 686 6M U67 22 HC$ 3.00 MF$ 0.65

STARK EFFECT, PLASMA MEDIUM
MEASUREMENTS OF STARK PROFILES OF C II AND CA II LINES.
AD-659 941 20I U67 22

STARS, ABUNDANCE
ABUNDANCES IN TWO EXTREMELY HIGH-VELOCITY STARS.
AD-659 081 3B U67 22

STARS, ASTRONOMICAL DATA
A STATISTICAL AND ASTROPHYSICAL INVESTIGATION OF EMISSION-LINE STARS AND PLANETARY NEBULAE IN THE SOUTHERN MILKY WAY.
AD-658 513 3A U67 22 HC$ 3.00 MF$ 0.65

STARS, ASTROPHYSICS
THE EINSTEIN REDSHIFT IN WHITE DWARFS.
AD-658 775 3A U67 22

STARS, MODELS(SIMULATIONS)
FINAL STAGES OF EVOLUTION.
AD-658 692 3B U67 22

ISENTROPIC MODELS FOR FINAL STAGES OF STELLAR EVOLUTION.
AD-659 048 3B U67 22 HC$ 3.00 MF$ 0.65

STARS, MOTION
PROPER MOTION SURVEY WITH THE FORTY-EIGHT INCH SCHMIDT TELESCOPE. XII. SEVEN FAR-NORTHERN REGIONS.
PB-175 946 3A U67 22 HC$ 3.00 MF$ 0.65

STARS, SPECTROSCOPY
A SPECTROPHOTOMETRIC STUDY OF DELTA SCUTI AND DELTA DELPHINI.
AD-658 777 3A U67 22

STATISTICAL ANALYSIS, APPROXIMATION(MATHEMATICS)
APPROXIMATIONS OF BEST LINEAR, UNBIASED ORDER-STATISTIC ESTIMATORS.
AD-658 845 12A U67 22 HC$ 3.00 MF$ 0.65

STATISTICAL ANALYSIS, MATHEMATICAL MODELS
DISTRIBUTION OF THE RESIDUAL SUM OF SQUARES IN FITTING INEQUALITIES.
AD-658 785 12A U67 22

STATISTICAL MECHANICS, KINETIC THEORY
FUNCTIONAL INTEGRAL REPRESENTATION OF NONEQUILIBRIUM STATISTICAL MECHANICS.
AD-658 660 7D U67 22

STEADY STATE
CONDITIONING AND STEADY-STATE PERFORMANCE OF SNAP-8 TUBE-IN-SHELL MERCURY BOILER.
N67-35615 10N S05 21 HC$ 3.00 MF$ 0.65

STEEL, CYLINDRICAL BODIES
ON THE THEORETICAL RELATIONSHIP BETWEEN FLOW STRESS AND LARGE NATURAL STRAINS IN TENSILE TESTS ON STEEL CYLINDERS.
AD-658 807 20K U67 22

STEEL, TEMPERING
INFLUENCE OF TEMPERING, PRESTRAINING, AND RETEMPERING ON THE STRENGTH AND TOUGHNESS OF HIGH-STRENGTH 4340 STEEL.
AD-659 083 11F U67 22 HC$ 3.00 MF$ 0.65

STEEPEST DESCENT METHOD
MINIMUM FUEL ASCENT FROM THE LUNAR SURFACE.
N67-35796 22A S05 21 HC$ 3.00 MF$ 0.65

MINIMUM-FUEL ATTITUDE CONTROL OF A RIGID BODY IN ORBIT BY AN EXTENDED METHOD OF STEEPEST-DESCENT.
N67-36602 22B S05 21 HC$ 3.00 MF$ 0.65

STEREOCHEMISTRY, TASTE
PREFERENCE-AVERSION FUNCTION FOR SODIUM MONOAMINODICARBOXYLATES IN RATS.
AD-658 620 6P U67 22

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N67-35988 21H S05 21 HC$ 3.00 MF$ 0.65

STIMULATION, PERCEPTION(PSYCHOLOGY)
THE EVOLUTION OF PERCEPTUAL FRAMES OF REFERENCE.
AD-659 058 5J U67 22 HC$ 3.00 MF$ 0.65

STOCHASTIC PROCESSES, STATISTICAL ANALYSIS
EIGHT LECTURES ON STATISTICAL INFERENCE IN STOCHASTIC PROCESSES.
AD-658 673 12A U67 22 HC$ 3.00 MF$ 0.65

STORABLE PROPELLANT
EXPERIMENTAL EVALUATION OF SIX ABLATIVE-MATERIAL THRUST CHAMBERS AS COMPONENTS OF STORABLE-PROPELLANT ROCKET ENGINES.
N67-35774 21H S05 21 HC$ 3.00 MF$ 0.65

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REFRACTOMETRIC SENSING OF H2SO4 SPECIFIC GRAVITY IN LEAD-ACID CELL OPERATION.
AD-658 747 10C U67 22 HC$ 3.00 MF$ 0.65

STORAGE, ORDNANCE
LONG TERM STORAGE EXPERIMENTAL PROGRAM - ANNUAL TEARDOWN INSPECTION, ERIE ORDNANCE DEPOT, 20 JUNE TO 1 JULY 1949.
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TEMPERATURE, PRESSURE, DENSITY AND WIND MEASUREMENTS IN THE UPPER STRATOSPHERE AND MESOSPHERE, 1965.
N67-35777 4A S05 21 HC$ 3.00 MF$ 0.65

STRATOSPHERE, ATMOSPHERIC SOUNDING
SIMULTANEOUS DUST AND OZONE SOUNDINGS OVER NORTH AND CENTRAL AMERICA.
AD-658 546 4A U67 22 HC$ 3.00 MF$ 0.65

STRATOSPHERE, WATER VAPOR
ENERGETICS OF THE MIDDLE ATMOSPHERE.
AD-658 422 4A U67 22 HC$ 3.00 MF$ 0.65

STREAK PHOTOGRAPHY
DETERMINATION OF STAGNATION TEMPERATURES IN THE R.A.R.D.E. HYPERSONIC GUN TUNNEL FROM STREAK CAMERA MEASUREMENTS OF FLOW VELOCITY.
N67-36152 1A S05 21 HC$ 3.00 MF$ 0.65

STRENGTH, PERFORMANCE(HUMAN)
TWO-HANDED RETENTION ON VARIOUS HANDLE CONFIGURATIONS.
AD-658 441 5B U67 22 HC$ 3.00 MF$ 0.65

STRENGTH, TEST METHODS
THE SCALING OF EFFORT PRODUCED BY STRENOUS ISOMETRIC MUSCLE CONTRACTIONS.
AD-658 979 6P U67 22 HC$ 3.00 MF$ 0.65

STRESS ANALYSIS
PLANE-STRESS ANALYSIS OF AN EDGE-STIFFENED RECTANGULAR PLATE SUBJECTED TO BOUNDARY LOADS, BOUNDARY DISPLACEMENTS, AND TEMPERATURE GRADIENTS.
N67-35744 20K S05 21 HC$ 3.00 MF$ 0.65

STRESS CORROSION, TITANIUM ALLOYS
STRESS-CORROSION CRACKING CHARACTERISTICS OF ALLOYS OF TITANIUM IN SALT WATER.
AD-658 721 11F U67 22 HC$ 3.00 MF$ 0.65

STRESSES, BOUNDARY VALUE PROBLEMS
CREEP STRESS CONCENTRATION OF A CIRCULAR HOLE IN AN INFINITE PLATE.
AD-658 833 20K U67 22 HC$ 3.00 MF$ 0.65

STRESSES, CYLINDRICAL BODIES
ASYMPTOTIC SOLUTION FOR SHORT RING-REINFORCED OVAL CYLINDERS.
AD-658 516 20K U67 22 HC$ 3.00 MF$ 0.65

STRUCTURAL DESIGN
DIVISION OF MECHANICAL ENGINEERING AND THE NATIONAL AERONAUTICAL ESTABLISHMENT QUARTERLY BULLETIN, 1 JAN. - 31 MAR. 1967.
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STRUCTURAL FAILURE
FATIGUE LIFE UNDER RANDOM LOADING FOR SEVERAL POWER SPECTRAL SHAPES.
N67-35726 11F S05 21 HC$ 3.00 MF$ 0.65

STRUCTURAL GEOLOGY, SEDIMENTATION
GEOLOGICAL STUDIES OF THE WEST INDIES.
AD-658 696 8G U67 22

LATE PLEISTOCENE AND HOLOCENE SEDIMENTATION IN THE LAURENTIAN CHANNEL.
AD-658 697 8G U67 22

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BASIC FEATURES OF FORMATION AND DEVELOPMENT OF THE CAUCASUS IN CONNECTION WITH ITS DEEP-SEATED STRUCTURE.
AD-658 712 8G U67 22 HC$ 3.00 MF$ 0.65

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THE NWL PLASTIC BRIDGE PROGRAM.
AD-658 500 13M U67 22 HC$ 3.00 MF$ 0.65

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A GENERAL PROCEDURE FOR THE ANALYSIS OF ELASTIC AND PLASTIC FRAMEWORKS.
AD-658 534 13M U67 22 HC$ 3.00 MF$ 0.65

STRUCTURAL SHELLS, BUCKLING(MECHANICS)
BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING.
AD-658 815 20K U67 22 HC$ 3.00 MF$ 0.65

STRUCTURAL SHELLS, CYLINDRICAL BODIES
A STEADY-STATE FORMULATION FOR THE TRANSIENT RESPONSE OF A REINFORCED CYLINDRICAL SHELL IMMERSED IN A FLUID MEDIUM.
AD-658 621 13M U67 22

STRUCTURAL VIBRATION
STRUCTURAL RESPONSE TO INFLIGHT ACOUSTIC AND AERODYNAMIC ENVIRONMENTS.
N67-36060 20K S05 21 HC$ 3.00 MF$ 0.65

STRUCTURES, BRIDGES
DISCRETE ANALYSIS OF CONTINUOUS FOLDED PLATES.
PB-176 124 13M U67 22 HC$ 3.00 MF$ 0.65

STYRENE PLASTICS, COPOLYMERIZATION
PREPARATION AND CHARACTERIZATION OF SOME CELLULOSE GRAFT COPOLYMERS. PART IV. SOME PROPERTIES OF ISOLATED CELLULOSE ACETATE-STYRENE GRAFT COPOLYMERS.
AD-658 933 111 U67 22

THE PREPARATION AND PROPERTIES OF WELL-DEFINED GRAFT COPOLYMERS.
AD-658 994 111 U67 22

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FUNDAMENTAL RESEARCH IN CHEMISTRY.
AD-658 690 7D U67 22 HC$ 3.00 MF$ 0.65

SUBJECT INDEXING, AUTOMATIC
ANNUAL REPORT AUTOMATIC INDEXING AND ABSTRACTING.
AD-659 057 5B U67 22 HC$ 3.00 MF$ 0.65

SUBLIMATION, SEMICONDUCTORS
THE VAPORIZATION OF ZINC PHOSPHIDE.
AD-658 783 7D U67 22

SUBMARINES, POWER SUPPLIES
SODIUM AMALGAM-OXYGEN FUEL CELL POWER PLANT FOR SUBMARINE APPLICATION A DESIGN FEASIBILITY STUDY.
AD-659 055 10B U67 22 HC$ 3.00 MF$ 0.65

SUBSONIC FLOW, TWO-DIMENSIONAL FLOW
APPLICATION OF THE HYDRAULIC ANALOGY TO INTERNAL SUBSONIC FLOW.
AD-658 669 20D U67 22 HC$ 3.00 MF$ 0.65

SUBSYSTEM
LUNAR ORBITER I. EXTENDED-MISSION SPACECRAFT SUBSYSTEM PERFORMANCE.
N67-35740 22B S05 21 HC$ 3.00 MF$ 0.65

SUBTROPICS
ACCLIMATIZATION.
N67-36181 6P S05 21 HC$ 3.00 MF$ 0.65

SUCROSE, INGESTION(PHYSIOLOGY)
AVERSION TO SUCROSE PRODUCED BY CONTINGENT X-IRRADIATION TEMPORAL AND DOSAGE PARAMETERS.
AD-658 969 6K U67 22 HC$ 3.00 MF$ 0.65

SULFUR
QUANTITATIVE INVESTIGATIONS ON STABLE BLUB SOLUTIONS OF SULPHUR IN ORGANIC SOLVENTS.
N67-35975 7D S05 21 HC$ 3.00 MF$ 0.65

SULFUR COMPOUNDS, COMPLEX COMPOUNDS
ORGANOMETALLIC SULFUR COMPLEXES. VIII. THE MOLECULAR STRUCTURE OF A DOUBLY SULFUR-BRIDGED DIMERIC COMPLEX OF MOLYBDENUM(V), (C5H5MOO)2S2, CONTAINING A MO-MO INTERACTION.
AD-658 79e 7B U67 22

ORGANOMETALLIC SULFUR COMPLEXES. IX. STRUCTURE OF A HEXANUCLEAR COBALT CARBONYL SULFUR COMPLEX, (SCO3(CO)72S2, CONTAINING A TETRAMETAL-COORDINATED BRIDGING DISULFIDE GROUP.
AD-658 961 7B U67 22

SULFUR COMPOUNDS, FLUORESCENCE
LIFETIME OF FLUORESCENCE FROM THE LOWEST ELECTRONIC STATE IN SULFUR DIOXIDE VAPOR.
AD-658 520 7E U67 22 HC$ 3.00 MF$ 0.65

SUNSPOT
CONCLUSIONS CONCERNING THE GENERAL MAGNETIC FIELD OF THE SUN.
N67-36098 3B S05 21 HC$ 3.00 MF$ 0.65

SUPERAERODYNAMICS, FLAT PLATE MODELS
EXPERIMENTAL INVESTIGATION OF HEAT EXCHANGE OF FLAT PLATE IN SUPERSONIC RAREFIED GAS FLOW.
AD-659 023 20D U67 22 HC$ 3.00 MF$ 0.65

SUPERAERODYNAMICS, NUMERICAL ANALYSIS
ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A RAREFIED GAS FLOW.
AD-658 458 20D U67 22 HC$ 3.00 MF$ 0.65

SUPERCONDUCTIVITY, TIN
EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE.
AD-658 805 20C U67 22

SUPERCONDUCTORS, TUNNELING(ELECTRONICS)
JOSEPHSON TUNNELING IN SUPERCONDUCTORS.
LA-3414 20C N21 19 HC$ 3.00 MF$ 0.65

SUPERSONIC COMMERCIAL AIR TRANSPORT (SCAT)
SUPERSONIC TRANSPORT AIRPORT AND COMMUNITY JET NOISE DURING TAKEOFF AND INITIAL CLIMB.
N67-35721 1C S05 21 HC$ 3.00 MF$ 0.65

SUPERSONIC FLOW, AXIALLY SYMMETRIC FLOW
FLOW IN THE BASE REGION OF AXISYMMETRIC AND TWO-DIMENSIONAL CONFIGURATIONS.
PB-175 877 1A U67 22 HC$ 3.00 MF$ 0.65

SUPERSONIC FLOW, BLUNT BODIES
SUPERSONIC FLOW PAST A FAMILY OF BLUNT AXISYMMETRIC BODIES.
PB-175 821 1A U67 22 HC$ 3.00 MF$ 0.65

SUPERSONIC FLOW, CONICAL BODIES
TURBULENT BOUNDARY LAYER ON A YAWED CONE IN A SUPERSONIC STREAM.
PB-175 826 1A U67 22 HC$ 3.00 MF$ 0.65

SUPERSONIC FLOW, HEAT TRANSFER
EXPERIMENTAL INVESTIGATION OF HEAT EXCHANGE OF FLAT PLATE IN SUPERSONIC RAREFIED GAS FLOW.
AD-659 023 20D U67 22 HC$ 3.00 MF$ 0.65

SUPERSONIC PRESSURE DISTRIBUTION
A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
N67-36403 1A S05 21 HC$ 3.00 MF$ 0.65

SUPERSONIC SPEED
FLIGHT TEST OF A 30-FOOT NOMINAL DIAMETER DISK-GAP-BAND PARACHUTE DEPLOYED AT A MACH NUMBER OF 1.56 AND A DYNAMIC PRESSURE OF 14.4 POUNDS PER SQUARE FOOT.
N67-35614 1C S05 21 HC$ 3.00 MF$ 0.65

SUPPORTS, MEDICAL EQUIPMENT
PLASTIC DROP-FOOT BRACES.
AD-658 983 6L U67 22 HC$ 3.00 MF$ 0.65

SURFACE PROPERTIES, BRIDGES
INSULATION OF BRIDGE DECKS FOR ICE PREVENTION AND REDUCTION OF FREEZE-THAW CYCLES.
PB-176 076 13M U67 22 HC$ 3.00 MF$ 0.65

SURFACE PROPERTY
BISTATIC-RADAR IMAGING AND MEASUREMENT TECHNIQUES FOR THE STUDY OF PLANETARY SURFACES.
N67-36611 9F S05 21 HC$ 3.00 MF$ 0.65

SURFACE TEMPERATURE
METHODS FOR OBTAINING SURFACE TEMPERATURES OF MATERIALS IN THE PRESENCE OF EXTRANEOUS RADIATION.
N67-35727 20M S05 21 HC$ 3.00 MF$ 0.65

SURFACES, BRIDGES
INSULATION OF BRIDGE DECKS FOR ICE PREVENTION AND REDUCTION OF FREEZE-THAW CYCLES.
PB-176 076 13M U67 22 HC$ 3.00 MF$ 0.65

SURFACE-ACTIVE SUBSTANCES, ACCEPTABILITY
SURFACE CHEMICAL DISPLACEMENT OF WATER AND/OR OIL FROM WEAPONS SUBSTRATES.
AD-658 985 11K U67 22 HC$ 3.00 MF$ 0.65

SURVEYOR PROJECT
SPACE PROGRAMS SUMMARY NO. 37-30, VOLUME VI FOR THE PERIOD SEPTEMBER 1, 1964 TO OCTOBER 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-35546 22C S05 21 HC$ 3.00 MF$ 0.65

SURVEYOR SPACECRAFT
CENTAUR AC-6 NOSE FAIRING SEPARATION TESTS.
N67-35375 22D S05 21 HC$ 3.00 MF$ 0.65

SPACE PROGRAMS SUMMARY NO. 37-29, VOLUME VI FOR THE PERIOD JULY 1, 1964 TO AUGUST 31, 1964. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-36100 22B S05 21 HC$ 3.00 MF$ 0.65

SUSPENSION SYSTEM
INFLUENCE OF THE SUSPENSION FORCES AND SUPPORTING SPRING FORCES ON THE RUNNING BEHAVIOR OF FREE SETS OF STEERING WHEELS IN THE STRAIGHT TRACK. TEXT VOLUME (ACCOMPANYING PICTURE VOLUME).
N67-35951 13F S05 21 HC$ 3.00 MF$ 0.65

SWEDEN, CLIMATOLOGY
AN ANNOTATED BIBLIOGRAPHY OF CLIMATIC MAPS OF SWEDEN.
PB-176 046 4B U67 22 HC$ 3.00 MF$ 0.65

SYNCHRONIZATION
SERVO CONTROL AND DATA SYNCHRONIZATION STUDY.
N67-35754 14C S05 21 HC$ 3.00 MF$ 0.65

SYNCHRONOUS SATELLITE
OPLE EXPERIMENT.
N67-36634 17G S05 21 HC$ 3.00 MF$ 0.65

ORBITAL REGRESSION OF SYNCHRONOUS SATELLITES DUE TO THE COMBINED GRAVITATIONAL EFFECTS OF THE SUN, THE MOON AND THE OBLATE EARTH.
N67-36636 22C S05 21 HC$ 3.00 MF$ 0.65

TECHNICAL AND COST FACTORS THAT EFFECT TELEVISION RECEPTION FROM A SYCHRONOUS SATELLITE FINAL REPORT.
N67-36665 17B S05 21 HC$ 3.00 MF$ 0.65

SYNCHROTRONS, BEVATRONS
SUMMARIES OF RESEARCH IN HIGH ENERGY PHYSICS.
TID-4005-PT-6-REV 18D N21 19 HC$ 3.00 MF$ 0.65

SYNCHROTRONS, RADIOFREQUENCY
THEORY OF THE RF MANIFOLD AND MEASUREMENTS ON A MODEL MANIFOLD SYSTEM,
UCRL-17508 20G N21 19 HC$ 3.00 MF$ 0.65

SYNTAX, ENGLISH LANGUAGE
SOME NOUN-TO-NOUN DERIVATIONAL AFFIXES.
AD-658 887 5G U67 22 HC$ 3.00 MF$ 0.65

SYNTAX, PROGRAMMING LANGUAGES
LISP 2 DOCUMENT CONVENTIONS.
AD-658 420 9B U67 22 HC$ 3.00 MF$ 0.65

LISP 2 LANGUAGE SPECIFICATIONS.
AD-658 421 9B U67 22 HC$ 3.00 MF$ 0.65

SYNTHESIS
A REVIEW OF SOME EXPERIMENTS ON THE SYNTHESIS OF "JEEWANU".
N67-35613 6C S05 21 HC$ 3.00 MF$ 0.65

SYSTEMS ANALYSIS
SPACE PROGRAMS SUMMARY NO. 37-32, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1965 TO MARCH 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-35972 22B S05 21 HC$ 3.00 MF$ 0.65

SYSTEMS DESIGN
RANGER LAUNCH VEHICLE INTEGRATION SUMMARY.
N67-35448 22D S05 21 HC$ 3.00 MF$ 0.65

ANALYSIS AND DESIGN OF SPACE VEHICLE FLIGHT CONTROL SYSTEMS. VOLUME XII - ATTITUDE CONTROL IN SPACE.
N67-35557 22B S05 21 HC$ 3.00 MF$ 0.65

SYSTEMS ENGINEERING, FIRE SAFETY
THE WINGSPREAD CONFERENCE A CHALLENGE TO ACTION.
AD-658 475 13L U67 22 HC$ 3.00 MF$ 0.65

SYSTEMS ENGINEERING, REVIEWS
CAVEAT EMPTOR SYSTEMATICUS (LET THE BUYER OF SYSTEMS BEWARE).
AD-658 481 5A U67 22 HC$ 3.00 MF$ 0.65

SYSTEMS ENGINEERING, SOCIOLOGY
TECHNOLOGICAL CHANGE AND PUBLIC ADMINISTRATION.
AD-658 473 5K U67 22 HC$ 3.00 MF$ 0.65

S-BAND
DEVELOPMENT OF A 100 WATT S-BAND TRAVELING-WAVE TUBE QUARTERLY PROGRESS REPORT.
N67-35644 9A S05 21 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF A 100 WATT S-BAND TRAVELING-WAVE TUBE QUARTERLY REPORT.
N67-36281 9A S05 21 HC$ 3.00 MF$ 0.65

TABLE
TABLES OF MAXIMUM ENERGIES OF CHARACTERISTIC BETA-DECAY.
N67-35648 20H S05 21 HC$ 3.00 MF$ 0.65

TACTICAL WARFARE, HISTORY
AIR-TO-AIR COMBAT IN WORLD WAR II A QUANTITATIVE HISTORY.
AD-659 043 15G U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), CHEMICAL WARFARE AGENTS
PROTECTION OF PERSONNEL IN TANKS AGAINST TOXIC AGENTS.
AD-658 573 13L U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), EXHAUST GASES
CONTROL OF GUN FUMES IN M-4 SERIES MEDIUM TANKS.
AD-658 551 13L U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M4 SERIES. DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M5 SERIES.
AD-658 552 13L U67 22 HC$ 3.00 MF$ 0.65

REPORT ON GUN FUME HAZARD FROM 37MM GUN IN M5 LIGHT TANK,
AD-658 636 13L U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), HAZARDS
CARBON MONOXIDE HAZARD FROM AUXILIARY GENERATORS IN TANKS,
AD-658 600 13L U67 22 HC$ 3.00 MF$ 0.65

AD-658 637 13L U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), HUMAN ENGINEERING
ADEQUATE HEAD ROOM IN TANKS.
AD-658 561 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF T26E3 TANK,
AD-658 593 5E U67 22 HC$ 3.00 MF$ 0.65

OPERATIONAL AND PHYSIOLOGICAL CHARACTERISTICS OF THE TANK T26E3, (M26).
AD-658 594 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL CHARACTERISTICS OF THE T25E1-T26E1 TANK. CONTROL OF GUN FUME HAZARD,
AD-658 596 5E U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF TANK T25E1.
AD-658 630 5E U67 22 HC$ 3.00 MF$ 0.65

ANALYSIS OF PHYSIOLOGICAL CHARACTERISTICS OF T9E1 TANK,
AD-658 640 5B U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF M-24 TANK.
AD-658 641 5B U67 22 HC$ 3.00 MF$ 0.65

PHYSIOLOGICAL CHARACTERISTICS OF T23 TANK.
AD-658 643 5B U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), LIGHTING EQUIPMENT
PARTIAL REPORT ON THE USE OF RED LIGHT FOR MAINTAINING DARK ADAPTATION IN TANKS,
AD-658 586 19C U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), NIGHT VISION
DETERMINATION OF THE LIGHTING REQUIREMENTS FOR VARIOUS TASKS OF TANK CREWS,
AD-658 587 19C U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), NOISE
EFFECT OF EXPOSURE TO TANK NOISE UPON HEARING ACUITY OF TANK CREWS,
AD-658 629 6E U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), PAINTS
TEST OF NON-SKID PAINT ON TANKS,
AD-658 626 11C U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), PERISCOPIC GUN SIGHTS
PLACEMENT AND MOUNTING OF SIGHTS IN TANKS,
AD-658 634 19E U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), RANGE FINDING
STUDY OF ERRORS IN RANGE ESTIMATION WITH THE UNAIDED EYE,
AD-658 582 17H U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), TANK ENGINES
TEST OF CARBON MONOXIDE HAZARD FROM ENGINE IN LIGHT TANK, M24,
AD-658 570 13L U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), TELESCOPIC GUN SIGHTS
TELESCOPIC SIGHTS T-106-E1 AND M-71-F IN COMPARISON WITH OTHER TANK SIGHTS.
AD-658 564 19B U67 22 HC$ 3.00 MF$ 0.65

STUDY OF CHARACTERISTICS AND LIMITATIONS OF PRESENT VISUAL DEVICES IN TANKS. STUDY OF MEANS OF IMPROVING SIGHTING TELESCOPES,
AD-658 635 19E U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), VENTILATION
VENTILATION REQUIREMENTS FOR GASPROOFING THE M-5 TANK,
AD-658 553 13L U67 22 HC$ 3.00 MF$ 0.65

CONTROL OF GUN FUMES IN M4 SERIES MEDIUM TANKS BY POSITIVE-PRESSURE VENTILATION.
AD-658 555 13L U67 22 HC$ 3.00 MF$ 0.65

DISCUSSION OF VENTILATION REQUIREMENTS OF ARMORED VEHICLES,
AD-658 569 13L U67 22 HC$ 3.00 MF$ 0.65

VENTILATION REQUIREMENTS FOR GAS-PROOFING TANKS OF THE M-4 SERIES,
AD-658 571 13L U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M4A4E1 TANK.
AD-658 574 6T U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M7 TANK.
AD-658 575 6T U67 22 HC$ 3.00 MF$ 0.65

TOXIC GASES IN ARMORED VEHICLES. DETERMINATION OF VENTILATION REQUIREMENTS FOR GAS-PROOFING TANKS OF THE M4 SERIES.
AD-658 576 13L U67 22 HC$ 3.00 MF$ 0.65

TOXIC GASES IN ARMORED VEHICLES. DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN TANKS OF THE M5 SERIES.
AD-658 638 13L U67 22 HC$ 3.00 MF$ 0.65

TANKS(COMBAT VEHICLES), VISION
IMPROVEMENT IN DRIVER'S VISION IN TANKS.
AD-658 554 19G U67 22 HC$ 3.00 MF$ 0.65

VISUAL REQUIREMENTS FOR SPOTTING,
AD-658 566 17H U67 22 HC$ 3.00 MF$ 0.65

VISION IN TANKS.
AD-658 580 17H U67 22 HC$ 3.00 MF$ 0.65

VISUAL REQUIREMENTS, CHARACTERISTICS AND LIMITATIONS OF PRESENT VISUAL DEVICES IN TANKS AND MEANS FOR IMPROVING SIGHTING TELESCOPES AND PERISCOPES,
AD-658 581 17H U67 22 HC$ 3.00 MF$ 0.65

TANKS(CONTAINERS), CALIBRATION
PROCESS VESSEL CALIBRATION, A TOOL FOR CONTROLLING MATERIAL UNACCOUNTED FOR (MUF),
KFP-858 18J N21 19 HC$ 3.00 MF$ 0.65

TANKS(CONTAINERS), FLUID FLOW
FLOW OF LIQUID THROUGH MULTIPLE ORIFICES.
AD-658 501 20D U67 22 HC$ 3.00 MF$ 0.65

TANTALUM ALLOY
DEVELOPMENT OF COATINGS FOR TANTALUM ALLOY NOZZLE VANES FINAL REPORT, 1 MAY 1965 - 31 JAN. 1967.
N67-36159 11F S05 21 HC$ 3.00 MF$ 0.65

TANTALUM CARBIDE
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS FINAL REPORT, 1 MAR. 1964 - 30 JUN. 1967.
N67-36081 20B S05 21 HC$ 3.00 MF$ 0.65

TAPE
METEOROID DAMAGE TO FILAMENTARY STRUCTURES.
N67-35736 3B S05 21 HC$ 3.00 MF$ 0.65

TARGET DESIGNATORS, TANKS(COMBAT VEHICLES)
VISION IN TANKS.
AD-658 580 17H U67 22 HC$ 3.00 MF$ 0.65

TASTE, SENSITIVITY
MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT,
AD-658 619 6P U67 22

GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RABBIT AND CAT,
AD-658 808 6P U67 22

TASTE, STEREOCHEMISTRY
PREFERENCE-AVERSION FUNCTION FOR SODIUM MONOAMINODICARBOXYLATES IN RATS,
AD-658 620 6P U67 22

TAXIING, GUIDANCE
RADIOACTIVE TAXI GUIDANCE TEST CATEGORY III GROUND GUIDANCE EQUIPMENT.
AD-658 742 17G U67 22 HC$ 3.00 MF$ 0.65

TEACHING METHODS, CRYOGENICS
EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE.
AD-658 805 20C U67 22

TECHNICAL INFORMATION CENTERS, AIR FORCE
ESTABLISHMENT OF A STINFO PROGRAM FOR THE AIR FORCE AERO PROPULSION LABORATORY.
AD-658 849 5B U67 22 HC$ 3.00 MF$ 0.65

TECHNOLOGY
INDEX TO NASA TECH BRIEFS, JANUARY - JUNE 1967.
N67-35596 5B S05 21 HC$ 3.00 MF$ 0.65

TELECOMMUNICATION
SPACE PROGRAMS SUMMARY NO. 37-32, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1965 TO MARCH 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-35972 22B S05 21 HC$ 3.00 MF$ 0.65

TELEMETRY
A TURNSTILE CONICAL-SCAN FEED TO IMPROVE TRACKING-ANTENNA PERFORMANCE ON APOLLO INSTRUMENTED SHIPS.
N67-35779 9F S05 21 HC$ 3.00 MF$ 0.65

TELEPHONE LINES, DATA TRANSMISSION SYSTEMS
ERROR PERFORMANCE OF DIFFERENTIAL PHASE SHIFT TRANSMISSION OVER A TELEPHONE LINE.
AD-658 437 17B U67 22 HC$ 3.00 MF$ 0.65

TELESCOPES, BALLOONS
BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN.
AD-659 051 17H U67 22 HC$ 3.00 MF$ 0.65

TELESCOPES, MILITARY REQUIREMENTS
MILITARY CHARACTERISTICS AND DESIGN OF OBSERVATION TELESCOPE.
AD-658 597 17H U67 22

TELESCOPIC GUN SIGHTS, ARMORED VEHICLES
TEST OF TELESCOPES T122 AND T123.
AD-658 578 19E U67 22 HC$ 3.00 MF$ 0.65

TELESCOPIC GUN SIGHTS, TANKS(COMBAT VEHICLES)
TELESCOPIC SIGHTS T-106-E1 AND M-71-F IN COMPARISON WITH OTHER TANK SIGHTS.
AD-658 564 19E U67 22 HC$ 3.00 MF$ 0.65

PLACEMENT AND MOUNTING OF SIGHTS IN TANKS,
AD-658 634 19E U67 22 HC$ 3.00 MF$ 0.65

STUDY OF CHARACTERISTICS AND LIMITATIONS OF PRESENT VISUAL DEVICES IN TANKS. STUDY OF MEANS OF IMPROVING SIGHTING TELESCOPES,
AD-658 635 19E U67 22 HC$ 3.00 MF$ 0.65

TELETYPE SYSTEMS, ERRORS
PERFORMANCE EVALUATION OF TELETYPE ERROR CONTROL EQUIPMENT ON AN ETR CIRCUIT,
AD-658 435 17B U67 22 HC$ 3.00 MF$ 0.65

TELETYPE SYSTEMS, PERFORMANCE(ENGINEERING)
PERFORMANCE EVALUATION OF TELETYPE ERROR CONTROL EQUIPMENT ON AN ETR CIRCUIT,
AD-658 435 17B U67 22 HC$ 3.00 MF$ 0.65

TELEVISION COMMUNICATION SYSTEMS, EDUCATION
SOME IMPLICATIONS OF NEW COMMUNICATIONS TECHNOLOGIES FOR NATIONAL SECURITY IN THE 1970S,
AD-658 424 17B U67 22 HC$ 3.00 MF$ 0.65

TELEVISION RECEPTION
TECHNICAL AND COST FACTORS THAT EFFECT TELEVISION RECEPTION FROM A SYCHRONOUS SATELLITE FINAL REPORT.
N67-36665 17B S05 21 HC$ 3.00 MF$ 0.65

TELLURIUM COMPOUNDS, CRYSTAL STRUCTURE
THE CRYSTAL STRUCTURE OF NEODYMIUM MONOTELLURODXIDE-ND2O2TE,
AD-658 765 20B U67 22

TEMPERATURE COEFFICIENT OF REACTIVITY, AUXILIARY POWER PLANTS
ANALYSIS OF SNAPTRAN-3 DESTRUCTIVE EXPERIMENT,
NAA-SR-9780-ADD-1 18N N21 19 HC$ 3.00 MF$ 0.65

TEMPERATURE CONTROL
THERMAL STUDY OF SATELLITE.
N67-35931 22B S05 21 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF PHASE-CHANGE COATINGS FOR USE AS VARIABLE THERMAL CONTROL SURFACES FINAL REPORT.
N67-36080 22B S05 21 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF THERMAL TESTING TECHNIQUES AT HIGH SOLAR INTENSITIES FINAL REPORT, 13 AUG. 1965 - 13 MAY 1967.
N67-36489 22B S05 21 HC$ 3.00 MF$ 0.65

TEMPERATURE EFFECT
MODIFICATIONS OF ION-DENSITIES DUE TO TEMPERATURE VARIATIONS.
N67-35880 4A S05 21 HC$ 3.00 MF$ 0.65

TEMPERATURE GRADIENT
PLANE-STRESS ANALYSIS OF AN EDGE-STIFFENED RECTANGULAR PLATE SUBJECTED TO BOUNDARY LOADS, BOUNDARY DISPLACEMENTS, AND TEMPERATURE GRADIENTS.
N67-35744 20K S05 21 HC$ 3.00 MF$ 0.65

TEMPERATURE MEASUREMENT
ABSOLUTE TEMPERATURE MEASUREMENT AT MICROWAVE FREQUENCIES.
N67-35599 9F S05 21 HC$ 3.00 MF$ 0.65

TEMPERATURE, METEOROLOGICAL PARAMETERS
WIND AND TEMPERATURE PROFILES FROM PROJECT WINDY ACRES.
AD-658 827 4B U67 22 HC$ 3.00 MF$ 0.65

TEMPERING, STEEL
INFLUENCE OF TEMPERING, PRESTRAINING, AND RETEMPERING ON THE STRENGTH AND TOUGHNESS OF HIGH-STRENGTH 4340 STEEL.
AD-659 003 11F U67 22 HC$ 3.00 MF$ 0.65

TENSOR ANALYSIS
EFFECT OF GYRO-VISCOSITY ON RAYLEIGH- TAYLOR INSTABILITY OF A PLASMA.
N67-35875 20I S05 21 HC$ 3.00 MF$ 0.65

TENSOR FIELD
EXACT SEMICLASSICAL THEORY FOR GALVANOMAGNETIC EFFECTS IN METALS.
N67-35591 20L S05 21 HC$ 3.00 MF$ 0.65

TERRAIN, ANALYSIS
A TECHNIQUE FOR MACROGEOMETRY TERRAIN ANALYSIS.
AD-658 655 13B U67 22 HC$ 3.00 MF$ 0.65

TERRAIN, ARMED FORCES TRANSPORTATION
A SUGGESTED PROCEDURE FOR THE SELECTION AND DESCRIPTION OF REFERENCE TEST AREAS,
AD-658 659 13F U67 22 HC$ 3.00 MF$ 0.65

TERRAIN, MATHEMATICAL ANALYSIS
COMPUTATION OF GRAVITY CORRECTIONS FOR THE TERRAIN RELIEF WITH THE AID OF ELECTRONIC DIGITAL COMPUTERS.
AD-658 713 8F U67 22 HC$ 3.00 MF$ 0.65

TERRESTRIAL MAGNETISM, DIURNAL VARIATIONS
UNIVERSAL-TIME CHANGES IN THE GEOMAGNETIC SOLAR QUIET DAILY VARIATION SQ,
PB-176 073 8N U67 22 HC$ 3.00 MF$ 0.65

TERRESTRIAL MAGNETISM, USSR
EXCERPT FROM THE REPORT OF THE SOVIET GEOPHYSICAL COMMITTEE, ACADEMY OF SCIENCES OF THE USSR, TO THE 14TH GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS.
AD-658 824 8N U67 22 HC$ 3.00 MF$ 0.65

TEST EQUIPMENT, LUBRICANT PUMPS
DEVICE FOR CHECKING THE CAPACITY OF AN OIL PUMP,
AD-658 531 14B U67 22 HC$ 3.00 MF$ 0.65

TEST EQUIPMENT, TENSILE PROPERTIES
BIAXIAL TENSILE TESTER FOR FABRICS.
AD-658 684 11B U67 22 HC$ 3.00 MF$ 0.65

TEST EQUIPMENT, TOLERANCES(MECHANICS)
TOLERANCE PHILOSOPHY,
AD-816 406 14B U67 22 HC$ 3.00 MF$ 0.65

TEST FACILITIES, FLUID DYNAMIC PROPERTIES
THE DTMB PLANAR-MOTION-MECHANISM SYSTEM.
AD-659 053 20D U67 22 HC$ 3.00 MF$ 0.65

TEST FACILITIES, ROADS
SOME RECENT FINDINGS IN FLEXIBLE PAVEMENT RESEARCH.
PB-176 060 13B U67 22 HC$ 3.00 MF$ 0.65

TEST FACILITIES, SPACECRAFT
FACILITIES FOR SIMULATING ATTITUDE MOTION OF SPACECRAFT,
AD-658 990 14B U67 22 HC$ 3.00 MF$ 0.65

TEST METHOD
DEVELOPMENT OF COATINGS FOR TANTALUM ALLOY NOZZLE VANES FINAL REPORT, 1 MAY 1965 - 31 JAN. 1967.
N67-36159 11F S05 21 HC$ 3.00 MF$ 0.65

TEST PROGRAM
RANGER LAUNCH VEHICLE INTEGRATION SUMMARY.
N67-35448 22D S05 21 HC$ 3.00 MF$ 0.65

TEST SETS, CALIBRATION
RADAR TEST SET AN/ARM-267(XN-1).
PB-176 070 9C U67 22 HC$ 3.00 MF$ 0.65

TEST STAND
METHODS FOR PREDICTING THERMAL STRESS CRACKING IN TURBINE STATOR OR ROTOR BLADES SUMMARY REPORT.
N67-35350 21E S05 21 HC$ 3.00 MF$ 0.65

TEXTILES, LOADING(MECHANICS)
STRESS-STRAIN RESPONSE OF FABRICS UNDER TWO-DIMENSIONAL LOADING.
AD-658 870 11E U67 22 HC$ 3.00 MF$ 0.65

TEXTILES, TEST EQUIPMENT
BIAXIAL TENSILE TESTER FOR FABRICS.
AD-658 684 11E U67 22 HC$ 3.00 MF$ 0.65

THEOREM PROVING
INTEGRATION IN LOCALLY COMPACT SPACES BY MEANS OF UNIFORMLY DISTRIBUTED SEQUENCES.
N67-35945 12A S05 21 HC$ 3.00 MF$ 0.65

THERAPY, LASERS
TEMPERATURE MEASUREMENTS IN EXPERIMENTAL TUMORS FOLLOWING EXPOSURE TO RUBY LASER ENERGY.
AD-658 975 6E U67 22 HC$ 3.00 MF$ 0.65

THERMAL ABSORPTION
DEVELOPMENT OF PHASE-CHANGE COATINGS FOR USE AS VARIABLE THERMAL CONTROL SURFACES FINAL REPORT.
N67-36080 22B S05 21 HC$ 3.00 MF$ 0.65

THERMAL BOUNDARY LAYER
SHOCK TUBE STUDY OF THE THERMAL CONDUCTIVITY OF ARGON.
N67-36419 20M S05 21 HC$ 3.00 MF$ 0.65

THERMAL CONDUCTIVITY, CYLINDRICAL BODIES
GRAPHICAL PRESENTATION OF DIFFERENCE SOLUTIONS FOR TRANSIENT RADIAL HEAT CONDUCTION IN HOLLOW CYLINDERS WITH HEAT TRANSFER AT THE INNER RADIUS AND FINITE SLABS WITH HEAT TRANSFER AT ONE BOUNDARY.
PB-175 851 20M U67 22 HC$ 3.00 MF$ 0.65

THERMAL INSULATION
PLANETARY VEHICLE THERMAL INSULATION SYSTEMS, PHASE I SUMMARY REPORT.
N67-35552 11D S05 21 HC$ 3.00 MF$ 0.65

THERMAL INSULATION, CONTAINERS
TEMPERATURE CONTROL OF BALLOON PACKAGES.
PB-176 089 4A U67 22 HC$ 3.00 MF$ 0.65

THERMAL NEUTRONS, ALBEDO
MEASUREMENTS AND SINGLE-VELOCITY CALCULATIONS OF DIFFERENTIAL ANGULAR THERMAL-NEUTRON ALBEDOS FOR CONCRETE, ORNL-4090 18F N21 19 HC$ 3.00 MF$ 0.65

THERMAL PROPERTIES, AIR
APPROXIMATIONS FOR THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF HIGH-TEMPERATURE AIR.
PB-175 855 20M U67 22 HC$ 3.00 MF$ 0.65

THERMAL PROPERTY
DEVELOPMENT OF COATINGS FOR TANTALUM ALLOY NOZZLE VANES FINAL REPORT, 1 MAY 1965 - 31 JAN. 1967.
N67-36159 11F S05 21 HC$ 3.00 MF$ 0.65

THERMAL PROTECTION
THERMAL PROTECTION SYSTEM FOR A CRYOGENIC SPACECRAFT PROPULSION MODULE, VOLUME II FINAL REPORT.
N67-36074 22B S05 21 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF THERMAL TESTING TECHNIQUES AT HIGH SOLAR INTENSITIES FINAL REPORT, 13 AUG. 1965 - 13 MAY 1967.
N67-36489 22B S05 21 HC$ 3.00 MF$ 0.65

THERMAL RADIATION
EFFECTS OF A SIMULATED SPACE ENVIRONMENT ON THERMAL RADIATION CHARACTERISTICS OF SELECTED BLACK COATINGS.
N67-35729 11C S05 21 HC$ 3.00 MF$ 0.65

JPDR THERMAL AND HYDRAULIC CHARACTERISTICS MEASURED BY AN INSTRUMENTED FUEL ASSEMBLY (IFA) AND THEIR ANALYSES BY A COMPUTER CODE '' J P- HYDRO''.
N67-36144 18I S05 21 HC$ 3.00 MF$ 0.65

THERMAL STRESS
METHODS FOR PREDICTING THERMAL STRESS CRACKING IN TURBINE STATOR OR ROTOR BLADES SUMMARY REPORT.
N67-35350 21E S05 21 HC$ 3.00 MF$ 0.65

THERMIONIC CONVERTER
SOLAR THERMIONIC GENERATOR DEVELOPMENT QUARTERLY REPORT, MAR. 1 - JUN. 7, 1967.
N67-35553 10B S05 21 HC$ 3.00 MF$ 0.65

THERMOCHEMISTRY, GAS FLOW
RECENT ADVANCES IN AEROTHERMOCHEMISTRY, VOLUME I.
AD-658 781 7D U67 22 HC$ 3.00 MF$ 0.65

RECENT ADVANCES IN AEROTHERMOCHEMISTRY, VOLUME II.
AD-658 782 7D U67 22 HC$ 3.00 MF$ 0.65

THERMOCHEMISTRY, WATER
THERMOCHEMICAL RELATIONS FOR WATER AT HIGH TEMPERATURES AND PRESSURES,
AD-658 821 7D U67 22 HC$ 3.00 MF$ 0.65

THERMOCONDUCTIVITY
SHOCK TUBE STUDY OF THE THERMAL CONDUCTIVITY OF ARGON.
N67-36419 20M S05 21 HC$ 3.00 MF$ 0.65

THERMODYNAMIC CYCLES, REFRIGERATION SYSTEMS
THE SINGLE-ENGINE CLAUDE CYCLE AS A 4.2K REFRIGERATOR.
NBS-TN-354 20M U67 22 HC$ 0.45 MF$ 0.65

THERMODYNAMIC PROPERTY
THERMODYNAMIC PROPERTIES OF POTASSIUM TO 2100 DEG K.
N67-35776 20M S05 21 HC$ 3.00 MF$ 0.65

THERMOSPHERE
NEUTRAL AIR WAVES IN THE THERMOSPHERE.
N67-35911 4A S05 21 HC$ 3.00 MF$ 0.65

THIN FILM
CONDUCTIVITY PHENOMENA IN POLYCRYSTALLINE ZINC OXIDE FILMS.
N67-36087 20L S05 21 HC$ 3.00 MF$ 0.65

FATIGUE TESTS ON PRESSURISED MEMBRANES OF POLYETHYLENE TEREPHTHALATE.
N67-36488 11I S05 21 HC$ 3.00 MF$ 0.65

THIRST, TEST METHODS
THIRST LEVEL DURING THE CONSUMPTION OF FLAVORED WATER EFFECTS ON SUBSEQUENT PREFERENCE.
AD-658 977 6P U67 22 HC$ 3.00 MF$ 0.65

THRUSTOR
ELECTROTHERMAL MICROTHRUST SYSTEMS.
N67-35525 21C S05 21 HC$ 3.00 MF$ 0.65

THYMUS, EXCISION
LEUKOCYTE COUNTS OF GERM-FREE NEONATALLY THYMECTOMIZED CFW MICE,
AD-658 526 6C U67 22

TIME DEPENDENCY
METHOD OF ANALYZING DYNAMIC DATA CHARACTERIZED BY A TIME-VARYING FREQUENCY SPECTRUM.
N67-35592 9B S05 21 HC$ 3.00 MF$ 0.65

TIME SHARING, INPUT-OUTPUT DEVICES
A GRAPHIC TABLET DISPLAY CONSOLE FOR USE UNDER TIME-SHARING.
AD-658 470 9B U67 22 HC$ 3.00 MF$ 0.65

TIME SHARING, MAN-MACHINE SYSTEMS
APPLICATIONS OF COMPUTERS IN EDUCATION.
AD-658 476 5K U67 22 HC$ 3.00 MF$ 0.65

TIME SHARING, REVIEWS
THE SDC TIME-SHARING SYSTEM REVISITED.
AD-658 477 9B U67 22 HC$ 3.00 MF$ 0.65

TIME STUDIES, MAINTENANCE
PIPEFITTING, PLUMBING FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-175 927 13K U67 22 HC$ 3.00 MF$ 0.65

PIPEFITTING, PLUMBING HANDBOOK. ENGINEERED PERFORMANCE STANDARDS, PUBLIC WORKS MAINTENANCE.
PB-175 985 13K U67 22 HC$ 3.00 MF$ 0.65

MACHINE SHOP, MACHINE REPAIRS HANDBOOK. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-175 995 13I U67 22 HC$ 3.00 MF$ 0.65

ELECTRIC, ELECTRONIC FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-176 052 9C U67 22 HC$ 3.00 MF$ 0.65

TIN ALLOYS, BAND THEORY OF SOLIDS
INVERSION OF CONDUCTION AND VALENCE BANDS IN PBI-XSNXSE ALLOYS,
AD-658 771 20L U67 22

TISSUE
USE OF ULTRASONICS TO INVESTIGATE SOFT TISSUE THICKNESSES ON THE HUMAN CHEST.
N67-35845 6C S05 21 HC$ 3.00 MF$ 0.65

TISSUE CULTURE, BIBLIOGRAPHIES
BIBLIOGRAPHY ON TISSUE CULTURES (INVERTEBRATES AND COLD-BLOODED CHORDATES.
AD-658 678 6M U67 22 HC$ 3.00 MF$ 0.65

TISSUES(BIOLOGY), PERMEABILITY
ENDOGENOUS MECHANISM OF VASCULAR RESPONSE IN INFLAMMATION, WITH SPECIAL REFERENCE TO BIOLOGIC SIGNIFICANCE OF SPECIFIC PERMEABILITY FACTORS AND THEIR INHIBITORS NEWLY ISOLATED FROM INFLAMED SITES.
AD-658 689 6P U67 22 HC$ 3.00 MF$ 0.65

TISSUES(BIOLOGY), TEMPERATURE
TEMPERATURE MEASUREMENTS IN EXPERIMENTAL TUMORS FOLLOWING EXPOSURE TO RUBY LASER ENERGY.
AD-658 975 6E U67 22 HC$ 3.00 MF$ 0.65

TITANIUM ALLOYS, CASTINGS
THE PRODUCTION AND EVALUATION OF THE PROPERTIES OF TITANIUM ALLOY CASTINGS,
AD-658 750 13H U67 22 HC$ 3.00 MF$ 0.65

TITANIUM ALLOYS, FRACTURE(MECHANICS)
DELAYED FRACTURE OF TITANIUM ALLOYS,
AD-658 670 11F U67 22 HC$ 3.00 MF$ 0.65

TITANIUM ALLOYS, HYDROGEN EMBRITTLEMENT

CERTAIN GENERAL PATTERNS IN THE OCCURRENCE OF HYDROGEN EMBRITTLENESS IN THE ALLOYS VT3-1 AND VT15.
AD-658 989 11F U67 22 HC$ 3.00 MF$ 0.65

TITANIUM ALLOYS, STRESS CORROSION
STRESS-CORROSION CRACKING CHARACTERISTICS OF ALLOYS OF TITANIUM IN SALT WATER.
AD-658 721 11F U67 22 HC$ 3.00 MF$ 0.65

TITANIUM, HALF LIFE
THE HALF-LIFE AND MASS OF 43TI.
AD-659 002 18H U67 22

TOLERANCES(MECHANICS), PHILOSOPHY
TOLERANCE PHILOSOPHY.
AD-616 908 14B U67 22 HC$ 3.00 MF$ 0.65

TOPOLOGY, GAME THEORY
UTILITY FUNCTIONS FOR PARTIALLY ORDERED TOPOLOGICAL SPACES.
AD-658 092 12A U67 22 HC$ 3.00 MF$ 0.65

TOPOLOGY, MEASURE THEORY
ENTROPY, A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS.
AD-658 957 12A U67 22

TOPOLOGY, SPECIAL FUNCTIONS(MATHEMATICAL)
THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION.
AD-659 010 12A U67 22

TOROIDAL PLASMA
TURBULENT PROCESSES IN TOROIDAL SYSTEMS.
N67-35031 20I S05 21 HC$ 3.00 MF$ 0.65

TOXIC TOLERANCES, ATROPINE
DECREASED ATROPINE TOXICITY IN RATS CHRONICALLY EXPOSED TO COLD.
AD-658 462 6T U67 22 HC$ 3.00 MF$ 0.65

TOXIC TOLERANCES, PERSONNEL
DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M48A1 TANK.
AD-658 574 6T U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M7 TANK.
AD-658 575 6T U67 22 HC$ 3.00 MF$ 0.65

TOXIC GASES IN ARMORED VEHICLES. DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN TANKS OF THE M5 SERIES.
AD-658 630 13L U67 22 HC$ 3.00 MF$ 0.65

TOXINS + ANTITOXINS, ABSORPTION(BIOLOGICAL)
EFFECT OF ENDOTOXIN ON ITON ABSORPTION.
AD-658 605 6T U67 22

TRACKING ANTENNA
A TURNSTILE CONICAL-SCAN FEED TO IMPROVE TRACKING-ANTENNA PERFORMANCE ON APOLLO INSTRUMENTED SHIPS.
N67-35779 9F S05 21 HC$ 3.00 MF$ 0.65

TRAFFICABILITY, SOIL MECHANICS
A SUGGESTED PROCEDURE FOR THE SELECTION AND DESCRIPTION OF REFERENCE TEST AREAS.
AD-658 859 13F U67 22 HC$ 3.00 MF$ 0.65

TRAFFIC, MODELS(SIMULATIONS)
INTERSECTION SIMULATION MODEL VALIDATION. PART 1.
PB-175 942 13B U67 22 HC$ 3.00 MF$ 0.65

INTERSECTION SIMULATION MODEL VALIDATION. PART 2.
PB-175 943 13B U67 22 HC$ 3.00 MF$ 0.65

TRAFFIC, PASSENGER VEHICLES
WASHINGTON, D. C. 1980 RAIL RAPID TRANSIT PATRONAGE FORECASTS.
PB-175 929 13F U67 22 HC$ 3.00 MF$ 0.65

TRAINING
STUDY TRIP IN THE USSR.
N67-36063 9B S05 21 HC$ 3.00 MF$ 0.65

TRAINING DEVICES, DISPLAY SYSTEMS
THE DEVELOPMENT OF SPECIFICATIONS OF A STANDARD DISPLAY BOARD FOR ARMY FIELD FORCES.
AD-658 739 5I U67 22 MF$ 0.65

TRAINING GEAR, TANKS(COMBAT VEHICLES)
MANUAL TRAVERSING EFFORT IN TANKS.
AD-658 649 5E U67 22 HC$ 3.00 MF$ 0.65

TRAINING, SYMPOSIA
EDUCATIONAL AND TRAINING MEDIA A SYMPOSIUM.
AD-658 817 5I U67 22 MF$ 0.65

TRAJECTORIES, OPTIMIZATION
MINIMUM-FUEL CONTROL OF SECOND-ORDER SYSTEMS WITH REAL POLES.
AD-658 998 22C U67 22

TRAJECTORY OPTIMIZATION
SPACE PROGRAMS SUMMARY NO. 37-26, VOLUME IV FOR THE PERIOD FEBRUARY 1, 1964 TO MARCH 31, 1964. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N67-36101 22B S05 21 HC$ 3.00 MF$ 0.65

TRANSIENT RESPONSE
NUMERICAL RESULTS FOR THE DIFFRACTION OF A NORMAL SHOCK WAVE BY A SPHERE AND FOR THE SUBSEQUENT TRANSIENT FLOW.
N67-35723 20D S05 21 HC$ 3.00 MF$ 0.65

TRANSISTORS, VOLTAGE
EXPERIMENTAL RESULTS OF SELECTION AND BIASING OF FETS FOR LOW-ENERGY X-RAY AND GAMMA-RAY SPECTROMETERS.
UCRL-17528 18D N21 19 HC$ 3.00 MF$ 0.65

TRANSITION PROBABILITY
ABSOLUTE EI, DELTA K EQUALS 0 TRANSITION RATES IN ODD-MASS PM AND EU-ISOTOPES.
N67-36570 18H S05 21 HC$ 3.00 MF$ 0.65

TRANSONIC FLIGHT, ALTIMETERS
SEVERAL METHODS FOR AERODYNAMIC REDUCTION OF STATIC-PRESSURE SENSING ERRORS FOR AIRCRAFT AT SUBSONIC, NEAR-SONIC, AND LOW SUPERSONIC SPEEDS.
PB-175 883 1D U67 22 HC$ 3.00 MF$ 0.65

TRANSONIC FLOW, SIMULATION
A STUDY OF THE SIMULATION OF FLOW WITH FREE-STREAM MACH NUMBER 1 IN A CHOKED WIND TUNNEL.
PB-175 873 1A U67 22 HC$ 3.00 MF$ 0.65

TRANSONIC WIND TUNNEL
DETERMINATION OF BOUNDARY REFLECTED DISTURBANCE LENGTHS IN THE LANGLEY 16-FOOT TRANSONIC TUNNEL.
N67-35732 14B S05 21 HC$ 3.00 MF$ 0.65

TRANSONIC WIND TUNNELS, DAMPING
A STUDY OF THE SIMULATION OF FLOW WITH FREE-STREAM MACH NUMBER 1 IN A CHOKED WIND TUNNEL.
PB-175 873 1A U67 22 HC$ 3.00 MF$ 0.65

TRANSPLANTATION, RADIATION EFFECTS
HUMORAFT RESPONSE IN ADULT-THYMECTONIZED MICE DEFICIENCY WITH AGING AND AFTER LOW DOSE-RATE GAMMA-IRRADIATION.
AD-659 026 6R U67 22 HC$ 3.00 MF$ 0.65

TRANSPORT COEFFICIENT
TURBULENT PROCESSES IN TOROIDAL SYSTEMS.
N67-35031 20I S05 21 HC$ 3.00 MF$ 0.65

TRANSPORT PLANES, ECONOMICS
ECONOMIC ANALYSIS OF THE SHORT-HAUL TRANSPORT.
AD-658 743 1C U67 22 HC$ 3.00 MF$ 0.65

TRANSPORT PROPERTIES, AIR
APPROXIMATIONS FOR THE THERMODYNAMIC AND TRANSPORT PROPERTIES OF HIGH-TEMPERATURE AIR.
PB-175 855 20M U67 22 HC$ 3.00 MF$ 0.65

TRANSPORT PROPERTIES, NOMOGRAPHS
ALIGNMENT CHARTS FOR TRANSPORT PROPERTIES VISCOSITY, THERMAL CONDUCTIVITY, AND DIFFUSION COEFFICIENTS FOR NONPOLAR GASES AND GAS MIXTURES AT LOW DENSITY.
PB-175 886 7D U67 22 HC$ 3.00 MF$ 0.65

TRANSPORTATION
A STUDY OF THE FEASIBILITY OF TRANSPORTING THE BEAM FROM THE 50 ME V PLA FOR INJECTION INTO NIMROD.
N67-36247 20G S05 21 HC$ 3.00 MF$ 0.65

TRANSPORTATION, DECISION MAKING
COMMUNICATIONS OR TRANSPORT DECISION-MAKING IN DEVELOPING COUNTRIES.
AD-658 816 17B U67 22 HC$ 3.00 MF$ 0.65

TRANSPORTATION, DISTRICT OF COLUMBIA
WASHINGTON, D. C. 1980 RAIL RAPID TRANSIT PATRONAGE FORECASTS.
PB-175 929 13F U67 22 HC$ 3.00 MF$ 0.65

TRAPPED PARTICLE
CHARGED PARTICLE ENERGIZATION BY AN ARBITRARILY MOVING MAGNET.
N67-35888 20H S05 21 HC$ 3.00 MF$ 0.65

TRAVELING WAVE TUBE
DEVELOPMENT OF A 100 WATT S-BAND TRAVELING-WAVE TUBE QUARTERLY PROGRESS REPORT.
N67-35699 9A S05 21 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF A 100 WATT S-BAND TRAVELING-WAVE TUBE QUARTERLY REPORT.
N67-36281 9A S05 21 HC$ 3.00 MF$ 0.65

TREES, BIBLIOGRAPHIES
PONDEROSA PINE BIBLIOGRAPHY THROUGH 1965.
PB-176 051 2F U67 22 HC$ 3.00 MF$ 0.65

TREES, DAMAGE
TIMBER LOSSES CAUSED BY TERMITES, DECAY, AND FIRE IN TWO COASTAL FORESTS IN NEW SOUTH WALES.
PB-175 901 2F U67 22 HC$ 3.00 MF$ 0.65

TREES, ISOPTERA
TERMITES OF AUSTRALIAN FOREST TREES.
PB-175 900 2F U67 22 HC$ 3.00 MF$ 0.65

EXPERIMENTS TO DETERMINE THE POPULATIONS OF TREE-DWELLING COLONIES OF TERMITES (EUPTOTERMES ACINACIFORMIS (FROGGATT) AND C. FRENCHI MILL).
PB-175 902 6C U67 22 HC$ 3.00 MF$ 0.65

TROPICAL CYCLONES, CENTRAL AMERICA
THE SYNOPTICS, DYNAMICS AND ENERGETICS OF THE TEMPORAL USING SATELLITE RADIATION DATA (IN ADDITION TO CONVENTIONAL OBSERVATIONS).
PB-175 996 4B U67 22 HC$ 3.00 MF$ 0.65

TROPICS

ACCLIMATIZATION.
N67-36101 6F S05 21 MC$ 3.00 MF$ 0.65

TUBE
METEOROID DAMAGE TO FILAMENTARY STRUCTURES.
N67-35736 3B S05 21 MC$ 3.00 MF$ 0.65

TUBING
JOINING REFRACTORY/AUSTENITIC BIMETAL TUBING FINAL TECHNICAL REPORT, APR. 1965 - OCT. 1966.
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APPLICATION OF THE AUGER PROCESS TO THE STUDY OF GASEOUS ADSORPTION ON TUNGSTEN.
N67-36472 20L S05 21 MC$ 3.00 MF$ 0.65

TUNISIA, CLIMATOLOGY
BIBLIOGRAPHY OF CLIMATIC MAPS OF TUNISIA,
PB-176 033 4B U67 22 MC$ 3.00 MF$ 0.65

TUNNEL DIODES, SIGNAL-TO-NOISE RATIO
INSTRUMENTATION AND CONTROLS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING SEPTEMBER 1, 1966.
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TUNNELING(ELECTRONICS), SUPERCONDUCTORS
JOSEPHSON TUNNELING IN SUPERCONDUCTORS,
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TURBINE
RESEARCH AND DEVELOPMENT OF HIGH-PERFORMANCE AXIAL-FLOW TURBOMACHINERY. VOLUME I - DESIGN OF TURBINE COMPRESSOR.
N67-35445 10A S05 21 MC$ 3.00 MF$ 0.65

TURBINE BLADE
METHODS FOR PREDICTING THERMAL STRESS CRACKING IN TURBINE STATOR OR ROTOR BLADES SUMMARY REPORT.
N67-35350 21E S05 21 MC$ 3.00 MF$ 0.65

TURBOALTERNATOR
STATIC PARASITIC SPEED CONTROLLER FOR BRAYTON-CYCLE TURBOALTERNATOR.
N67-36012 10C S05 21 MC$ 3.00 MF$ 0.65

TURBULENCE, FLUID FLOW
LECTURES ON TURBULENT FLOW,
AD-658 483 20D U67 22 MC$ 3.00 MF$ 0.65

TURBULENT BOUNDARY LAYER, CONICAL BODIES
TURBULENT BOUNDARY LAYER ON A YAWED CONE IN A SUPERSONIC STREAM.
PB-175 826 1A U67 22 MC$ 3.00 MF$ 0.65

TURBULENT BOUNDARY LAYER, MATHEMATICAL ANALYSIS
LECTURES ON TURBULENT FLOW,
AD-658 483 20D U67 22 MC$ 3.00 MF$ 0.65

TURBULENT FLOW
CORRELATION OF FRICTION COEFFICIENTS FOR LAMINAR AND TURBULENT FLOW WITH RATIOS OF SURFACE TO BULK TEMPERATURE FROM 0.35 TO 7.35.
N67-35763 20D S05 21 MC$ 3.00 MF$ 0.65

TURKEY, CLIMATOLOGY
BIBLIOGRAPHY ON THE CLIMATE OF TURKEY (SECUNDARY),
PB-176 038 4B U67 22 MC$ 3.00 MF$ 0.65

BIBLIOGRAPHY OF THE CLIMATE OF TURKEY,
PB-176 040 4B U67 22 MC$ 3.00 MF$ 0.65

TURNSTILE ANTENNA
A TURNSTILE CONICAL-SCAN FEED TO IMPROVE TRACKING-ANTENNA PERFORMANCE ON APOLLO INSTRUMENTED SHIPS.
N67-35779 9F S05 21 MC$ 3.00 MF$ 0.65

TWIST(AERODYNAMICS), WINGS
CALCULATION OF AERODYNAMIC LOADING AND TWIST CHARACTERISTICS OF A FLEXIBLE WING AT MACH NUMBERS APPROACHING 1.0 AND COMPARISON WITH EXPERIMENT.
PB-175 849 1C U67 22 MC$ 3.00 MF$ 0.65

ULTRACENTRIFUGES, AEROSOLS
AUTOMATIC COUNTING OF ATMOSPHERIC AEROSOLS COLLECTED WITH THE GUETZ ULTRACENTRIFUGE.
AD-658 667 4A U67 22 MC$ 3.00 MF$ 0.65

ULTRASONIC PROPERTIES, MAGNETIC MATERIALS
EXPLORATORY RESEARCH OF MAGNETIC MATERIALS BY ULTRASONIC TECHNIQUES.
AD-658 467 20C U67 22 MC$ 3.00 MF$ 0.65

ULTRASONIC RADIATION, NON-DESTRUCTIVE TESTING
ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS.
AD-659 033 13H U67 22 MC$ 3.00 MF$ 0.65

DEVELOPMENT OF INSTRUMENT FOR NON-DESTRUCTIVE MEASUREMENT FOR CONCRETE PAVEMENT THICKNESS.
PB-175 948 13B U67 22 MC$ 3.00 MF$ 0.65

ULTRASONICS
USE OF ULTRASONICS TO INVESTIGATE SOFT TISSUE THICKNESSES ON THE HUMAN CHEST.
N67-35845 6C S05 21 MC$ 3.00 MF$ 0.65

ULTRAVIOLET SPECTROSCOPY, ORGANIC NITROGEN COMPOUNDS
A REDETERMINATION OF THE MOLAR EXTINCTION COEFFICIENTS OF AQUEOUS NITROFORM ION,
AD-658 541 7C U67 22 MC$ 3.00 MF$ 0.65

ULTRAVIOLET SPECTROSCOPY, OXYGEN
AN INVESTIGATION OF THE EFFECT OF HIGH TEMPERATURE ON THE SCHUMANN-RUNGE ULTRAVIOLET ABSORPTIONONTINUUM OF OXYGEN.
PB-175 898 7D U67 22 MC$ 3.00 MF$ 0.65

UNDERWATER EXPLOSIONS, TEST METHODS
EVALUATION OF CONCEPTS FOR MEASURING DIMENSIONS OF BUBBLES PRODUCED BY UNDERWATER EXPLOSIONS,
AD-658 543 19D U67 22 MC$ 3.00 MF$ 0.65

UNDERWATER LIGHT, SCATTERING
LIGHT SCATTERING IN THE SEA,
AD-658 702 20F U67 22

UNDERWATER OBJECTS, MOTION
THE DTMB PLANAR-MOTION-MECHANISM SYSTEM.
AD-659 053 20D U67 22 MC$ 3.00 MF$ 0.65

UNDERWATER SOUND, PROPAGATION
OBSERVATIONS OF THE SOUND FIELD IN THE DEEP SEA,
AD-658 718 20A U67 22 MC$ 3.00 MF$ 0.65

UNDERWATER VEHICLES, SALVAGE
FORCE REQUIRED TO EXTRACT OBJECTS FROM DEEP OCEAN BOTTOM.
AD-658 757 13J U67 22 MC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE
DESCRIPTION OF SCIENTIFIC SOUNDING-ROCKET PROJECT S-18.
N67-35932 4A S05 21 MC$ 3.00 MF$ 0.65

RECENT RESULTS IN THE ATMOSPHERIC REGION ABOVE 200 KM AND COMPARISONS WITH CIRA 1965.
N67-36451 4A S05 21 MC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, SYMPOSIA
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON EQUATORIAL AERONOMY (2D),
AD-658 489 4A U67 22 MC$ 3.00 MF$ 0.65

URANIUM
DETERMINATION OF LATTICE PARAMETERS USING A FEW RODS.
N67-35832 18I S05 21 MC$ 3.00 MF$ 0.65

URANIUM ALLOYS, CORROSION RESISTANCE
PROPERTIES OF SEVERAL STRUCTURAL U-MO-CB-V-TI ALLOYS.
AD-658 679 11F U67 22 MC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, FLUORIDES
DIRECT CARBON REPLICATION OF URANIUM TETRAFLUORIDE FILMS ON URANIUM DIOXIDE,
LA-3705 18J N21 19 MC$ 3.00 MF$ 0.65

URANIUM HEXAFLUORIDE SPECIFICATIONS STUDIES.
UKU-656 18J N21 19 MC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, MOLYBDENUM COMPOUNDS
GAS-COLLECTION TECHNIQUE FOR MEASUREMENT OF FISSION-GAS RETENTION IN IRRADIATED MO-UO2 CERMETS,
LA-3718 18J N21 19 MC$ 3.00 MF$ 0.65

URANIUM, SAMPLING
DESIGNS AND DESCRIPTIONS OF MECHANICAL SAMPLERS IN USE AT GRAND JUNCTION, COLORADO.
RMO-3007 14B N21 19 MC$ 3.00 MF$ 0.65

URBAN AREAS, ATTITUDES
THE UM SCALE - A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY,
AD-658 806 5J U67 22

URBAN PLANNING, ECONOMICS
THINKING ABOUT FUTURE SOCIAL DEVELOPMENT,
AD-658 423 5A U67 22 MC$ 3.00 MF$ 0.65

USSR, CLIMATOLOGY
ANNOTATED BIBLIOGRAPHY OF THE CLIMATE OF THE CAUCASUS,
PB-176 013 4B U67 22 MC$ 3.00 MF$ 0.65

VACCINES, EASTERN EQUINE ENCEPHALOMYELITIS VIRUS
A SAFETY TEST FOR EASTERN EQUINE ENCEPHALOMYELITIS VACCINE,
AD-658 606 6M U67 22

VACUUM APPARATUS, SPUTTERING
MEASUREMENT OF OUTGASSING IN A SPUTTERING BELL JAR,
AD-658 944 13H U67 22

VACUUM SYSTEM
STUDY OF LOW PRESSURE APPLICATION OF THE ORBITRON.
N67-35672 14B S05 21 MC$ 3.00 MF$ 0.65

VAN ALLEN RADIATION BELT, ELECTRONS
SPECTRAL, SPATIAL, AND TEMPORAL VARIATIONS OBSERVED FOR OUTER ZONE ELECTRONS FROM 10 TO 100 KEV WITH SATELLITE INJUN 3.
AD-658 710 4A U67 22 MC$ 3.00 MF$ 0.65

VAN ALLEN RADIATION BELT, MODELS(SIMULATIONS)
VAN ALLEN BELT SIMULATION.
AD-658 780 22B U67 22

VAPOR PHASE
THERMODYNAMIC PROPERTIES OF POTASSIUM TO 2100 DEG K.
N67-35776 20M S05 21 MC$ 3.00 MF$ 0.65

VARIABLE LIFT
USE OF VARIABLE LIFT CONTROL TO OPTIMIZE AERODYNAMIC BRAKING FOR A MARS ENTRY VEHICLE.

No7-36172 22A S05 21 HC$ 3.00 MF$ 0.65

VARIABLE-SWEEP WINGS, AERODYNAMIC CHARACTERISTICS
THE STATIC AERODYNAMIC CHARACTERISTICS OF A VARIABLE SWEEP WING RESEARCH MODEL.
AD-658 498 20D U67 22 HC$ 3.00 MF$ 0.65

VEHICLES, DICTIONARIES
GLOSSARY OF AUTOMOTIVE AND VEHICLE MAINTENANCE TERMS. ENGLISH-VIETNAMESE, VIETNAMESE-ENGLISH. FIRST EDITION (TU DIEN QUAN XA. ANH-VIET, VIET-ANH. XUAT BAN LAN THU NHAT).
AD-658 664 5B U67 22 HC$ 3.00 MF$ 0.65

VEHICLES, ENVIRONMENTAL TESTS
A SUGGESTED PROCEDURE FOR THE SELECTION AND DESCRIPTION OF REFERENCE TEST AREAS,
AD-658 659 13F U67 22 HC$ 3.00 MF$ 0.65

VEHICLES, LOAD DISTRIBUTION
STATISTICAL ANALYSIS OF HEAVY TRUCK TRAFFIC FOR THE STATE OF MARYLAND.
PB-176 069 13F U67 22 HC$ 3.00 MF$ 0.65

VEHICLES, URBAN AREAS
INTERSECTION SIMULATION MODEL VALIDATION. PART 1.
PB-175 922 13B U67 22 HC$ 3.00 MF$ 0.65

INTERSECTION SIMULATION MODEL VALIDATION. PART 2.
PB-175 923 13B U67 22 HC$ 3.00 MF$ 0.65

VELOCITY ERROR
STUDY OF ORBITAL GUIDANCE.
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SPIN-UP SYSTEM. BOOST PHASE DISPERSIONS.
N67-35913 22C S05 21 HC$ 3.00 MF$ 0.65

VELOCITY MEASUREMENT
A PROCESS FOR MEASURING THE VELOCITY VARIATION OF SHOCK WAVES USING MICROWAVES.
N67-35464 1A S05 21 HC$ 3.00 MF$ 0.65

VENOMS, IMMUNOLOGY
IMMUNOGENIC RESPONSE OF THE VENOMS OF FER-DE-LANCE (BOTHROPS ATROX ASPER) AND LACASCABELLA (CROTALUS DURISSUS DURISSUS) FOLLOWING PHOTOOXIDATIVE DETOXIFICATION.
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IMMUNIZATION STUDIES WITH NAJA NAJA VENOM DETOXIFIED BY PHOTOOXIDATION.
AD-658 973 6T U67 22 HC$ 3.00 MF$ 0.65

EFFECT OF THE ROUTE OF ADMINISTRATION ON THE NEUTRALIZING POTENCY OF ANTIVENINS.
AD-658 974 6T U67 22 HC$ 3.00 MF$ 0.65

VENOMS, PATHOLOGY
PATHOPHYSIOLOGICAL STUDIES OF TEN POISONOUS SNAKE VENOMS.
AD-658 980 6T U67 22 HC$ 3.00 MF$ 0.65

VENTILATION FANS, TANKS(COMBAT VEHICLES)
OPERATIONAL AND PHYSIOLOGICAL CHARACTERISTICS OF THE TANK TZOE3, (M26).
AD-658 594 5E U67 22 HC$ 3.00 MF$ 0.65

VENTILATION, TANKS(COMBAT VEHICLES)
DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M4 SERIES. DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M5 SERIES.
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VENTILATION REQUIREMENTS FOR GASPROOFING THE M-5 TANK,
AD-658 553 13L U67 22 HC$ 3.00 MF$ 0.65

CONTROL OF GUN FUMES IN M4 SERIES MEDIUM TANKS BY POSITIVE-PRESSURE VENTILATION.
AD-658 555 13L U67 22 HC$ 3.00 MF$ 0.65

DISCUSSION OF VENTILATION REQUIREMENTS OF ARMORED VEHICLES,
AD-658 569 13L U67 22 HC$ 3.00 MF$ 0.65

VENTILATION REQUIREMENTS FOR GAS-PROOFING TANKS OF THE M-4 SERIES,
AD-658 571 13L U67 22 HC$ 3.00 MF$ 0.65

PROTECTION OF PERSONNEL IN TANKS AGAINST TOXIC AGENTS.
AD-658 573 13L U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M4A4E1 TANK.
AD-658 574 6T U67 22 HC$ 3.00 MF$ 0.65

DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M7 TANK.
AD-658 575 6T U67 22 HC$ 3.00 MF$ 0.65

TOXIC GASES IN ARMORED VEHICLES. DETERMINATION OF VENTILATION REQUIREMENTS FOR GAS-PROOFING TANKS OF THE M4 SERIES.
AD-658 576 13L U67 22 HC$ 3.00 MF$ 0.65

VENUS(PLANET), RADAR ECHO AREAS
RADAR DETERMINATION OF THE ROTATIONS OF VENUS AND MERCURY,
AD-658 774 3A U67 22

VENUS(PLANET), RADIO ASTRONOMY
THE MICROWAVE SPECTRUM OF VENUS IN THE FREQUENCY RANGE 18-36 GC/SEC,
AD-658 708 3B U67 22

VERBAL BEHAVIOR, PERSONALITY
QUALITY AND QUANTITY OF CONTRIBUTIONS AS DETERMINANTS OF PERCEIVED ABILITY.
AD-659 039 5J U67 22 HC$ 3.00 MF$ 0.65

VERTICAL TAKE-OFF PLANES, NOISE
EVALUATION OF NOISE PROBLEMS ANTICIPATED WITH FUTURE VTOL AIRCRAFT.
AD-658 448 20A U67 22 HC$ 3.00 MF$ 0.65

VERTICAL TAKE-OFF PLANES, VOCABULARY
THE REPORT OF THE AD HOC COMMITTEE ON VSTOL TERMINOLOGY.
AD-658 545 1C U67 22 HC$ 3.00 MF$ 0.65

VERY LOW FREQUENCY, IONOSPHERIC PROPAGATION
PROPAGATION OF ELF AND VLF WAVES BELOW AN ANISOTROPIC IONOSPHERE WITH A DIPPING STATIC MAGNETIC FIELD.
AD-658 538 20N U67 22 HC$ 3.00 MF$ 0.65

A MODEL FOR PROPAGATION OF ELF AND VLF WAVES BELOW NATURALLY PERTURBED IONOSPHERES.
AD-658 881 20N U67 22 HC$ 3.00 MF$ 0.65

VESTIBULAR APPARATUS, PROPRIOCEPTION
THE EFFECT OF WATER IMMERSION AND BODY POSITION UPON PERCEPTION OF THE GRAVITATIONAL VERTICAL,
AD-658 507 6S U67 22 HC$ 3.00 MF$ 0.65

VIBRATION, BODIES OF REVOLUTION
ON INEXTENSIONAL VIBRATIONS OF THIN SHELLS.
AD-658 672 20K U67 22 HC$ 3.00 MF$ 0.65

VIBRATION, MEASUREMENT
DIABLO TEST TRACK NOISE AND VIBRATION MEASUREMENTS.
PB-175 935 13F U67 22 HC$ 3.00 MF$ 0.65

VIBRATION, VISUAL ACUITY
VISUAL ACUITY DURING VIBRATION AS A FUNCTION OF FREQUENCY, AMPLITUDE AND SUBJECT DISPLAY RELATIONSHIP.
AD-658 440 6P U67 22 HC$ 3.00 MF$ 0.65

VIETNAM, CLIMATOLOGY
AN ANNOTATED BIBLIOGRAPHY ON THE CLIMATE OF THE REPUBLIC OF VIETNAM,
PB-176 000 4B U67 22 HC$ 3.00 MF$ 0.65

AN ANNOTATED BIBLIOGRAPHY ON THE CLIMATE OF NORTH VIETNAM,
PB-176 002 4B U67 22 HC$ 3.00 MF$ 0.65

BIBLIOGRAPHY ON THE CLIMATE OF INDOCHINA II,
PB-176 022 4B U67 22 HC$ 3.00 MF$ 0.65

BIBLIOGRAPHY OF CLIMATIC MAPS OF INDOCHINA,
PB-176 031 4B U67 22 HC$ 3.00 MF$ 0.65

VIETNAM, DICTIONARIES
SIGNAL GLOSSARY. ENGLISH-VIETNAMESE, VIETNAMESE-ENGLISH. FIRST EDITION (TU DIEN TRUYEN TIN. ANH-VIET, VIET-ANH. XUAT BAN LAN THU NHAT.).
AD-658 663 5B U67 22 HC$ 3.00 MF$ 0.65

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ARTILLERY GLOSSARY. ENGLISH-VIETNAMESE, VIETNAMESE-ENGLISH. FIRST EDITION (TU DIEN PHAO BINH. ANH-VIET, VIET-ANH. XUAT BAN LAN THU NHAT).
AD-658 665 5B U67 22 HC$ 3.00 MF$ 0.65

VIETNAM, MAMMALS
FORESTS AND FAUNA OF THE DEMOCRATIC REPUBLIC OF VIETNAM,
AD-658 853 6C U67 22 HC$ 3.00 MF$ 0.65

VIETNAM, PARASITIC DISEASES
DISTRIBUTION OF WUCHEREREIOSIS, BRUGHIOSIS AND CLONORCHOSIS IN THE DEMOCRATIC REPUBLIC OF VIETNAM (REVIEW OF LITERATURE),
AD-658 855 6E U67 22 HC$ 3.00 MF$ 0.65

VIEWING SCREENS, LASERS
SELECTIVE ACCESS LASER DISPLAY BEAM POSITIONER.
AD-658 840 20E U67 22 HC$ 3.00 MF$ 0.65

VINYL PLASTICS, COPOLYMERIZATION
THE PREPARATION AND PROPERTIES OF WELL-DEFINED GRAFT COPOLYMERS.
AD-658 994 11E U67 22

VIRUSES, IDENTIFICATION
UNIQUE METHODS OF VIRAL COLLECTION AND IDENTIFICATION.
AD-658 860 6M U67 22 HC$ 3.00 MF$ 0.65

VIRUSES, IMMUNE SERUMS
EXAMINATION FOR COMPLEMENT-REQUIRING NEUTRALIZING ANTIBODIES AGAINST JAPANESE ENCEPHALITIS, WESTERN EQUINE ENCEPHALITIS AND VACCINIA VIRUSES.
AD-658 888 6M U67 22 HC$ 3.00 MF$ 0.65

VISCOELASTICITY, FLUID FLOW
EXTERNAL FLOWS OF VISCOELASTIC MATERIALS FLUID PROPERTY RESTRICTIONS ON THE USE OF VELOCITY-SENSITIVE PROBES.
AD-658 523 7A U67 22

VISIBILITY, AIRPORTS
AN INVESTIGATION OF LOW VISIBILITY DURING JANUARY AND FEBRUARY AT SUFFOLK COUNTY AIR FORCE BASE,
AD-658 889 4B U67 22 HC$ 3.00 MF$ 0.65

VISIBILITY, RUNWAYS

AN ANALYSIS OF RUNWAY VISUAL RANGE.
AD-658 537 1E U67 22 HC$ 3.00 MF$ 0.65

VISIBILITY, SIGNALS
INTERIM REPORT ON ROADSIDE SIGN VISIBILITY.
PB-176 103 13B U67 22 HC$ 3.00 MF$ 0.65

VISION, AMPHIBIOUS VEHICLES
DRIVER'S VISION IN LANDING VEHICLE TRACTOR.
AD-658 567 19G U67 22 HC$ 3.00 MF$ 0.65

VISION, TANKS(COMBAT VEHICLES)
IMPROVEMENT IN DRIVER'S VISION IN TANKS.
AD-658 554 19G U67 22 HC$ 3.00 MF$ 0.65

VISUAL REQUIREMENTS FOR SPOTTING.
AD-658 586 17H U67 22 HC$ 3.00 MF$ 0.65

VISION IN TANKS.
AD-658 580 17H U67 22 HC$ 3.00 MF$ 0.65

VISUAL REQUIREMENTS, CHARACTERISTICS AND LIMITATIONS OF PRESENT VISUAL DEVICES IN TANKS AND MEANS FOR IMPROVING SIGHTING TELESCOPES AND PERISCOPES.
AD-658 581 17H U67 22 HC$ 3.00 MF$ 0.65

VISUAL ACUITY, VIBRATION
VISUAL ACUITY DURING VIBRATION AS A FUNCTION OF FREQUENCY, AMPLITUDE AND SUBJECT DISPLAY RELATIONSHIP.
AD-658 440 6P U67 22 HC$ 3.00 MF$ 0.65

VISUAL DISPLAY
HUMAN OPERATOR RESPONSE SPEED, FREQUENCY, AND FLEXIBILITY - A REVIEW, ANALYSIS AND DEVICE DEMONSTRATION.
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VISUAL PERCEPTION, ATTENTION
PERCEPTUAL DEFICIT DURING A MENTAL TASK.
AD-658 930 5J U67 22

VOICE COMMUNICATION SYSTEMS, NARROWBAND
SYLLABLE CODER COMMUNICATION SYSTEM.
AD-658 530 17B U67 22 HC$ 3.00 MF$ 0.65

WAGES, EMPLOYMENT
AN INTENSIVE INVESTIGATION OF THE PROBLEMS ASSOCIATED WITH YOUNG MEN WHO ARE MENTALLY UNQUALIFIED FOR MILITARY SERVICE.
PB-176 085 5I U67 22 HC$ 3.00 MF$ 0.65

WAGES, INDUSTRIES
COST-BASED PRICING AND LABOR ELASTICITY.
AD-658 428 5G U67 22 HC$ 3.00 MF$ 0.65

WAKE, HYPERSONIC FLOW
FLUID PHYSICS OF HYPERSONIC WAKES, VOLUME I.
AD-658 705 20D U67 22 HC$ 3.00 MF$ 0.65

FLUID PHYSICS OF HYPERSONIC WAKES, VOLUME II.
AD-658 706 20D U67 22 HC$ 3.00 MF$ 0.65

WATER MODERATED REACTOR
DETERMINATION OF LATTICE PARAMETERS USING A FEW RODS.
N67-35834 18I S05 21 HC$ 3.00 MF$ 0.65

WATER SUPPLIES, DISTILLATION
ENGLISH TRANSLATIONS OF USSR TECHNICAL PUBLICATIONS ON DESALINATION OF WATER, 1966.
AEC-TR-6685 7A N21 19 HC$ 3.00 MF$ 0.65

WATER VAPOR, STRATOSPHERE
ENERGETICS OF THE MIDDLE ATMOSPHERE.
AD-658 422 4A U67 22 HC$ 3.00 MF$ 0.65

WATER WAVES, ELECTRONIC RECORDING SYSTEMS
AN ELECTRONIC WAVE-HEIGHT MEASURING APPARATUS.
AD-659 031 20D U67 22 HC$ 3.00 MF$ 0.65

WATER, THERMOCHEMISTRY
THERMOCHEMICAL RELATIONS FOR WATER AT HIGH TEMPERATURES AND PRESSURES.
AD-658 621 7D U67 22 HC$ 3.00 MF$ 0.65

WAVE DRAG
HYPERSONIC AERODYNAMIC CHARACTERISTICS OF MINIMUM-WAVE-DRAG BODIES HAVING VARIATIONS IN CROSS-SECTIONAL SHAPE.
N67-35728 1A S05 21 HC$ 3.00 MF$ 0.65

WAVE FUNCTION
SLOW-ELECTRON SCATTERING BY STRONGLY POLAR MOLECULES.
N67-35955 7D S05 21 HC$ 3.00 MF$ 0.65

WAVE FUNCTIONS, COMPTON SCATTERING
COMPTON SCATTERING FACTORS FOR SPHERICALLY SYMMETRIC FREE ATOMS.
LA-3689 20H N21 19 HC$ 3.00 MF$ 0.65

WAVE FUNCTIONS, ELECTRONS
TABLES OF ELECTRON WAVEFUNCTIONS AND ASSOCIATED DATA.
BNL-50002 20H N21 19 HC$ 3.00 MF$ 0.65

WAVE FUNCTIONS, HYDROGEN
A NUMERICAL SINGLE-CENTER SELF-CONSISTENT FIELD FUNCTION FOR THE HYDROGEN MOLECULE.
AD-658 447 20J U67 22 HC$ 3.00 MF$ 0.65

WAVE FUNCTIONS, MATRIX ALGEBRA
USE OF LINEAR NONSYMMETRIC EIGENVALUE EQUATIONS FOR A SUM-OVER-POINTS APPROACH - APPLICATION TO H2+.
AD-658 743 20J U67 22 HC$ 3.00 MF$ 0.65

WAVE INTERACTION
THE INTERACTION OF A LONG DURATION FRIEDLANDER SHAPED BLAST WAVE WITH AN INFINITELY LONG RIGHT CIRCULAR CYLINDER. INCIDENT BLAST WAVE 20.7 PSI, POSITIVE DURATION 50 MS AND A 16 CM DIAMETER CYLINDER.
N67-35632 18C S05 21 HC$ 3.00 MF$ 0.65

WAVE TRANSMISSION, PLASMA MEDIUM
PROPAGATION IN WAVEGUIDES FILLED WITH WARM PLASMA.
AD-658 828 9A U67 22 HC$ 3.00 MF$ 0.65

WAVE TRANSMISSION, SCIENTIFIC RESEARCH
RESEARCH ON ELECTROMAGNETICS FOR PROJECT DEFENDER.
AD-658 518 20I U67 22 HC$ 3.00 MF$ 0.65

WAVEGUIDES, PLASMA MEDIUM
PROPAGATION IN WAVEGUIDES FILLED WITH WARM PLASMA.
AD-658 828 9A U67 22 HC$ 3.00 MF$ 0.65

WEAPONS, CLEANING
SURFACE CHEMICAL DISPLACEMENT OF WATER AND/OR OIL FROM WEAPONS SUBSTRATES.
AD-658 985 11K U67 22 HC$ 3.00 MF$ 0.65

WEATHER DATA RECORDER
TEMPERATURE, PRESSURE, DENSITY AND WIND MEASUREMENTS IN THE UPPER STRATOSPHERE AND MESOSPHERE, 1965.
N67-35777 4A S05 21 HC$ 3.00 MF$ 0.65

WEATHER FORECASTING, AGRICULTURE
A METHOD FOR DERIVING PREDICTIONS OF SOIL TEMPERATURE FROM MEDIUM-RANGE WEATHER FORECASTS.
PB-175 773 8M U67 22 HC$ 3.00 MF$ 0.65

WEATHER FORECASTING, ATMOSPHERIC PRECIPITATION
ON THE USE AND MISUSE OF THE BRIER VERIFICATION SCORE.
PB-175 771 4B U67 22 HC$ 3.00 MF$ 0.65

WEATHER FORECASTING, CHINA
AN ANALYSIS OF THE SYNOPTIC PROCESSES DURING THE EASTWARD MOVEMENT OF THOUGHS IN THE SOUTHERN BRANCH OF THE UPPER WESTERLIES ABOVE A CUSHION OF COLD AIR OVER SOUTH CHINA IN SPRING.
AD-658 843 4B U67 22 HC$ 3.00 MF$ 0.65

A STUDY OF THE THERMAL LOW OVER SOUTHWEST CHINA AND RELATED FORECASTING PROBLEMS.
AD-658 844 4B U67 22 HC$ 3.00 MF$ 0.65

WEIGHTLESSNESS SIMULATION
STUDY OF ASTRONAUT CAPABILITIES TO PERFORM EXTRAVEHICULAR MAINTENANCE AND ASSEMBLY FUNCTIONS IN WEIGHTLESS CONDITIONS.
N67-36491 22A S05 21 HC$ 3.00 MF$ 0.65

WEIGHT, MEASUREMENT
REALISTIC UNCERTAINTIES AND THE MASS MEASUREMENT PROCESS AN ILLUSTRATED REVIEW.
NBS-MONO-103 14B U67 22 HC$ 0.20 MF$ 0.65

WELDED JOINT
JOINING REFRACTORY/AUSTENITIC BIMETAL TUBING FINAL TECHNICAL REPORT, APR. 1965 - OCT. 1966.
N67-36029 13H S05 21 HC$ 3.00 MF$ 0.65

WELDS, NON-DESTRUCTIVE TESTING
ADVANCEMENT OF ULTRASONIC TECHNIQUES USING RERADIATED SOUND ENERGIES FOR NONDESTRUCTIVE EVALUATION OF WELDMENTS.
AD-659 033 13H U67 22 HC$ 3.00 MF$ 0.65

WEST GERMANY, CLIMATOLOGY
SUPPLEMENTARY BIBLIOGRAPHY ON THE CLIMATE OF GERMANY 1950-1957.
PB-176 018 4B U67 22 HC$ 3.00 MF$ 0.65

BIBLIOGRAPHY OF CLIMATIC MAPS OF GERMANY.
PB-176 040 4B U67 22 HC$ 3.00 MF$ 0.65

WHEEL
INFLUENCE OF THE SUSPENSION FORCES AND SUPPORTING SPRING FORCES ON THE RUNNING BEHAVIOR OF FREE SETS OF STEERING WHEELS IN THE STRAIGHT TRACK. TEXT VOLUME (ACCOMPANYING PICTURE VOLUME).
N67-35951 13F S05 21 HC$ 3.00 MF$ 0.65

WIND TUNNEL
THE ACCURACY OF PRESSURE TRANSDUCERS WHEN USED IN SHORT-DURATION WIND-TUNNEL FACILITIES.
N67-36153 14B S05 21 HC$ 3.00 MF$ 0.65

WIND TUNNEL MODELS, MODEL TESTS
WIND TUNNEL TEST STUDY.
AD-658 995 14B U67 22 HC$ 3.00 MF$ 0.65

AD-658 996 14B U67 22 HC$ 3.00 MF$ 0.65

WIND TUNNELS, AUXILIARY POWER PLANTS
SNAP REACTOR ABLATION DISINTEGRATION EXPERIMENT (RADE) IN A HYPERTHERMAL WIND TUNNEL.
NAA-SR-12362 18I N21 19 HC$ 3.00 MF$ 0.65

WIND, GUIDED MISSILE SAFETY
EFFECT OF POINT ARGUELLO WIND VARIABILITY UPON RANGE SAFETY CONSIDERATIONS AT WTR.
AD-658 847 16A U67 22 HC$ 3.00 MF$ 0.65

WIND, MEASUREMENT
AN INTEGRATED METEOR RADAR SYSTEM FOR WIND AND DENSITY MEASUREMENTS IN THE UPPER ATMOSPHERE.
AD-658 463 4A U67 22 HC$ 3.00 MF$ 0.65

WIND, METEOROLOGICAL PARAMETERS
WIND AND TEMPERATURE PROFILES FROM PROJECT WINDY ACRES.

AD-658 827 4B U67 22 HC$ 3.00 MF$ 0.65

WING BODY
A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
N67-36403 1A S05 21 HC$ 3.00 MF$ 0.65

WINGS, AEROELASTICITY
CALCULATION OF AERODYNAMIC LOADING AND TWIST CHARACTERISTICS OF A FLEXIBLE WING AT MACH NUMBERS APPROACHING 1.0 AND COMPARISON WITH EXPERIMENT.
PB-175 849 1L U67 22 HC$ 3.00 MF$ 0.65

WIRE
METEOROID DAMAGE TO FILAMENTARY STRUCTURES.
N67-35736 3B S05 21 HC$ 3.00 MF$ 0.65

WIRE, FAILURE(MECHANICS)
A STUDY OF THE CAUSES OF WIRE ROPE AND CABLE FAILURE IN OCEANOGRAPHIC SERVICE.
AD-658 671 13I U67 22 HC$ 3.00 MF$ 0.65

WOOD PULP, AUSTRALIA
AN ASSESSMENT OF THE PULPING POTENTIAL OF VARIOUS WESTERN AUSTRALIAN WOOD SPECIES.
PB-176 062 11L U67 22 HC$ 3.00 MF$ 0.65

WOOD, PROTECTIVE TREATMENTS
AIR-DRYING BEHAVIOUR OF POLES AND POSTS OF EUCALYPTUS VIMINALIS.
PB-176 001 11L U67 22 HC$ 3.00 MF$ 0.65

WORD ASSOCIATION, TRANSFER OF TRAINING
PAIRED-ASSOCIATE TRANSFER FOR THE A-B, C-A AND THE A-B, B-C PARADIGMS.
AD-658 752 5J U67 22

WOUNDS + INJURIES, LASERS
SURFACE TEMPERATURE AS A PARAMETER IN ESTIMATING LASER INJURY THRESHOLDS.
AD-658 987 6E U67 22 HC$ 3.00 MF$ 0.65

X BAND, OSCILLATORS
C-BAND AND X-BAND DUAL FUNCTION OSCILLATORS.
AD-659 009 9E U67 22 HC$ 3.00 MF$ 0.65

X RAYS, EMISSIVITY
ANALYTICAL CAPABILITIES OF A SEMICONDUCTOR X-RAY EMISSION SPECTROMETER.
UCRL-16645 18D N21 19 HC$ 3.00 MF$ 0.65

X-RAY ANALYSIS
A RESETTABLE MONOSTABLE PULSE GENERATOR.
N67-36402 3B S05 21 HC$ 3.00 MF$ 0.65

X-RAY DIFFRACTION
DEVELOPMENT OF TECHNIQUES TO IMPROVE BLADDER MATERIALS AND TEST METHODS (INTERIM REPORT, 10 MAY 1966 - 17 MAY 1967.
N67-36115 11I S05 21 HC$ 3.00 MF$ 0.65

X-RAY DIFFRACTOMETRY TECHNIQUES FOR CERAMIC FUELS.
N67-36487 18J S05 21 HC$ 3.00 MF$ 0.65

X-RAY DIFFRACTION ANALYSIS, STANDARDS
STANDARD X-RAY DIFFRACTION POWDER PATTERNS.
NBS-MONO-25-SECTION-5 7D U67 22 HC$ 0.55 MF$ 0.65

X-RAY EQUIPMENT
DEFECT PRODUCTION IN SINGLE CRYSTALS RESULTING FROM ION BOMBARDMENT SEMIANNUAL STATUS REPORT, 1 JAN. - 30 JUN. 1967.
N67-35944 20L S05 21 HC$ 3.00 MF$ 0.65

X-RAY SPECTROGRAPHY
AUTOMATION OF A PHILIPS X-RAY SPECTROGRAPH.
N67-35847 14B S05 21 HC$ 3.00 MF$ 0.65

X-RAY SPECTROSCOPY, TABLES
X-RAY WAVELENGTH CONVERSION TABLES AND GRAPHS FOR QUALITATIVE ELECTRON PROBE MICROANALYSIS.
NBS-TN-406 7B U67 22 HC$ 0.70 MF$ 0.65

X-RAY TELESCOPE
A BALLOON BORNE X-RAY SURVEY OF THE CENTRAL REGION OF THE GALAXY.
N67-36394 3B S05 21 HC$ 3.00 MF$ 0.65

YAW, AERODYNAMIC CONFIGURATIONS
EFFECTS OF NULL ON THE FREE-FLIGHT MOTION OF STATICALLY STABLE BODIES.
AD-658 433 20D U67 22 HC$ 3.00 MF$ 0.65

YEASTS, RADIATION EFFECTS
SUGAR RETENTION, COFACTOR LEVELS, AND LEAKAGE OF METABOLITES IN X-IRRADIATED, STARVED YEAST CELLS.
AD-658 971 6R U67 22 HC$ 3.00 MF$ 0.65

ZERO POWER REACTOR (ZPR)
MEASUREMENTS OF THE REACTIVITY PROPERTIES OF THE AGESTA NUCLEAR POWER REACTOR AT ZERO POWER.
N67-35780 18L S05 21 HC$ 3.00 MF$ 0.65

ZINC COMPOUNDS, VAPORIZATION
THE VAPORIZATION OF ZINC PHOSPHIDE.
AD-658 763 7D U67 22

ZINC OXIDE
CONDUCTIVITY PHENOMENA IN POLYCRYSTALLINE ZINC OXIDE FILMS.
N67-36087 20L S05 21 HC$ 3.00 MF$ 0.65

PERSONAL AUTHOR INDEX

AAMONS, JULES
RADIO SCIENCE.
AD-658 751 84A U67 22

ABERNATHY, WILLIAM J.
PARALLEL AND SEQUENTIAL STRATEGIES FOR R AND D PROJECTS.
AD-658 544 5A U67 22

ABRAHAMS, P.
LISP 2 LANGUAGE SPECIFICATIONS.
AD-658 421 9B U67 22 HC$ 3.00 MF$ 0.65

ABU-SHUMAYS, IBRAHIM K.
ON THE STRUCTURE OF THE ISOTOPIC TRANSPORT OPERATORS IN THREE INDEPENDENT SPACE VARIABLES,
ANL-7328 12A N21 19 HC$ 3.00 MF$ 0.65

ADES, M. M.
FEASIBILITY OF INTRA-SERVICE STANDARDIZATION OF AUDIOMETRIC TESTS AND TESTING PROCEDURES. CURRENT STATUS AND RECOMMENDATIONS FOR STANDARDIZATION,
AD-658 729 6E U67 22 HC$ 3.00 MF$ 0.65

ADLER, R. L.
ENTROPY, A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS,
AD-658 557 12A U67 22

AGUILAR, RODOLFO J.
PERFORMANCE OF COMPOSITE LIGHTWEIGHT CONCRETE DECKS ON STEEL STRINGERS,
PB-176 067 13M U67 22 HC$ 3.00 MF$ 0.65

AIREY, J. M.
SCATTERING OF POTASSIUM BY A SERIES OF REACTIVE AND NONREACTIVE COMPOUNDS IN CROSSED MOLECULAR BEAMS,
AD-658 918 7D U67 22

NONREACTIVE SCATTERING OF K BY H8R AND D8R IN CROSSED MOLECULAR BEAMS,
AD-658 920 7D U67 22

ALBERS, J. A.
CONDITIONING AND STEADY-STATE PERFORMANCE OF SNAP-8 TUBE-IN-SHELL MERCURY BOILER.
N67-35015 18N S05 21 HC$ 3.00 MF$ 0.65

ALBERS, LYNN C.
GRAPHICAL PRESENTATION OF DIFFERENCE SOLUTIONS FOR TRANSIENT RADIAL HEAT CONDUCTION IN HOLLOW CYLINDERS WITH HEAT TRANSFER AT THE INNER RADIUS AND FINITE SLABS WITH HEAT TRANSFER AT ONE BOUNDARY.
PB-175 851 20M U67 22 HC$ 3.00 MF$ 0.65

ALBRITE, J. P.
FEASIBILITY OF INTRA-SERVICE STANDARDIZATION OF AUDIOMETRIC TESTS AND TESTING PROCEDURES. CURRENT STATUS AND RECOMMENDATIONS FOR STANDARDIZATION,
AD-658 725 6E U67 22 HC$ 3.00 MF$ 0.65

ALDRIDGE, A. M.
THE HALF-LIFE AND MASS OF 43TI,
AD-658 662 18H U67 22

ALDRIDGE, J. P., III.
THE HALF-LIFE AND MASS OF 43TI,
AD-658 662 18H U67 22

ALEKSANDROVA, V. N.
THE INFLUENCE OF MECHANICAL EFFECTS ON ACTOMYOSIN (MECHANICAL EFFECT ON ACTOMYOSIN).
AD-658 894 6A U67 22 HC$ 3.00 MF$ 0.65

ALEKSIDZE, M. A.
A REPRESENTATION OF THE ANOMALOUS GRAVITATIONAL FIELD.
AD-658 714 8N U67 22 HC$ 3.00 MF$ 0.65

ALEXANDER, MILTON
TWO-HANDED RETENTION ON VARIOUS HANDLE CONFIGURATIONS.
AD-658 441 5E U67 22 HC$ 3.00 MF$ 0.65

ALLEN, HARVEY
EFFECTS OF RACE OF TESTER, APPROVAL-DISAPPROVAL AND NEED ON NEGRO CHILDREN'S LEARNING.
AD-659 052 9J U67 22 HC$ 3.00 MF$ 0.65

ALLISON, ROBERT W.
DEVATRON OPERATION AND DEVELOPMENT. 53, JANUARY-MARCH 1967,
UCRL-17543 20G N21 19 HC$ 3.00 MF$ 0.65

ALMEIDA, D. G.
TOTAL ELECTRON CONTENT MEASUREMENTS BY DIFFERENTIAL FARADAY ROTATION METHOD AT LOW LATITUDES.
N67-36195 4A S05 21 HC$ 3.00 MF$ 0.65

ALPERT, D.
FIELD EMISSION FROM A MULTIPLICITY OF EMITTERS ON A BROAD-AREA CATHODE,
AD-658 647 20C U67 22

ALVEN, WILLIAM H.
SEMICONDUCTOR RELIABILITY.
AD-657 692 9A U67 22 HC$ 3.00

AMBOSS, KURT
MAGNETIC COMPRESSION OF ELECTRON BEAMS.
AD-658 680 9A U67 22 HC$ 3.00 MF$ 0.65

AMDUR, I.
SCATTERING OF HIGH-VELOCITY NEUTRAL PARTICLES. XV. HE-N2.
AD-658 758 7D U67 22

ALMOST 'HEAD-ON' COLLISIONS IN THE SCATTERING OF FAST ARGON ATOMS BY HYDROGEN ISOTOPES.
AD-658 759 7D U67 22

AMES, WALLACE H.
A COMPARISON OF 1-1/2-INCH AND 3/4-INCH MAXIMUM SIZE AGGREGATE IN CONCRETE.
PB-176 101 11B U67 22 HC$ 3.00 MF$ 0.65

ANCKER-JOHNSON, BETSY
MICROWAVE EMISSION FROM NONEQUILIBRIUM PLASMAS IN INSB SUBJECT TO MAGNETIC FIELDS,
AD-658 772 20L U67 22 HC$ 3.00 MF$ 0.65

NANOSECOND RISETIME, HIGH POWER, VARIABLE DELAY DOUBLE PULSER WITH APPLICATION TO ELECTRON-HOLE PLASMAS,
AD-658 773 14B U67 22 HC$ 3.00 MF$ 0.65

ANDERSON, CARL A., JR.
RAPID (REACTOR AND PLANT INTEGRATED DYNAMICS) COMPUTER PROGRAM,
LA-3694 18I N21 19 HC$ 3.00 MF$ 0.65

ANDERSON, GERALD A.
DESIGN FOR ORIENTATION BALLOON-BORNE EQUIPMENT,
AD-658 529 14B U67 22 HC$ 3.00 MF$ 0.65

ANDERSON, JAMES B.
AN INVESTIGATION OF THE EFFECT OF ACCELERATION ON THE BURNING RATE OF COMPOSITE PROPELLANTS,
AD-659 029 21I U67 22 HC$ 3.00 MF$ 0.65

ANDERSON, J. CHARNEL
THE PROCESS OF CROSS-CULTURAL INNOVATION,
AD-659 038 5K U67 22 HC$ 3.00 MF$ 0.65

ANDERSON, OKSON L.
HIGH-TEMPERATURE ELASTICITY AND EXPANSIVITY OF FORSTERITE AND STEATITE.
AD-658 701 11B U67 22

ANDERSON, TERRELL N.
PRESSURE EFFECTS ON THE ELECTRICAL PROPERTIES OF POLYCRYSTALLINE BORON.
AD-658 929 7D U67 22

ANDERSON, W. J.
PRELIMINARY DETERMINATIONS OF TEMPERATURE LIMITATIONS OF CSTER, ETHER, AND HYDROCARBON BASE LUBRICANTS IN 25-MM BORE BALL BEARINGS.
N67-35751 11H S05 21 HC$ 3.00 MF$ 0.65

ANGELE, W.
FLAT CONDUCTOR CABLE MANUFACTURE AND INSTALLATION TECHNIQUES.
N67-36554 9A S05 21 HC$ 3.00 MF$ 0.65

ANGERMAN, CARL L.
DEVELOPMENT OF 60 CO CAPSULES FOR HEAT SOURCES,
UP-1096 18B N21 19 HC$ 3.00 MF$ 0.65

ANTONIDES, GARY P.
VIBRATION MEASUREMENTS OF THE HULL, TRIPOD MAST, PROPULSION SYSTEM, AND RUDDER SYSTEM OF USS AUSTIN (LPD-4).
AD-659 054 13J U67 22 HC$ 3.00 MF$ 0.65

APTER, DAVID E.
POLITICS OF MODERNIZATION.
AD-658 474 5D U67 22 HC$ 3.00 MF$ 0.65

ARAD, BAR-ATID
NOTES ON THE MEASUREMENT OF CONTROL LOAD AND SECTOR DESIGN IN THE ENROUTE ENVIRONMENT,
AD-659 035 17G U67 22 HC$ 3.00 MF$ 0.65

ARDITTI, FRED D.
COST-BASED PRICING AND LABOR ELASTICITY,
AD-658 428 5C U67 22 HC$ 3.00 MF$ 0.65

ARGYRES, PETHUN N.
QUANTUM KINETIC EQUATIONS FOR ELECTRONS IN RANDOM IMPURITIES,
AD-658 909 20L U67 22

ARMSTRONG, G. J.
TIMBER LOSSES CAUSED BY TERMITES, DECAY, AND FIRE IN TWO COASTAL FORESTS IN NEW SOUTH WALES,
PB-175 901 2F U67 22 HC$ 3.00 MF$ 0.65

ARNE, J. A.
IDENTIFICATION OF PLASTICS USED IN NAVAL ORDNANCE,
AD-658 536 11I U67 22 HC$ 3.00 MF$ 0.65

ARNOLD, DONALD
MOLECULAR PHOTOCHEMISTRY. V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS,
AD-659 015 7E U67 22

ARNOLD, J. E.
EXPERIMENTAL INVESTIGATION OF THE THERMOCHEMICAL BEHAVIOR OF SNAP FUEL MATERIAL IN A HYPERTHERMAL WIND TUNNEL,
NAA-SR-12062 18J N21 19 HC$ 3.00 MF$ 0.65

SNAP REACTOR ABLATION DISINTEGRATION EXPERIMENT (RADE) IN A HYPERTHERMAL WIND TUNNEL,
NAA-SR-12302 181 N21 19 HC$ 3.00 MF$ 0.65

AKONSON, P. M.
THE EFFECTS OF WATER VAPOR ON THE ELECTRON DENSITY OF SHOCK HEATED AIR,
AD-658 719 201 U67 22 HC$ 3.00 MF$ 0.65

ASHE, WILLIAM F.
PRESELECTION TESTS, PARTIAL REPORT NUMBER 1,
AD-658 623 6N U67 22 HC$ 3.00 MF$ 0.65

STUDY OF SCHEDULES, DURATION AND DISCIPLINE OF REST PERIODS FOR TANK CREWS ON LONG MARCHES,
AD-658 625 6N U67 22 HC$ 3.00 MF$ 0.65

NUMERICAL REQUIREMENTS FOR STATISTICALLY VALID RESULTS IN FIELD TEST OF ACCEPTABILITY OF RATIONS,
AD-658 631 6H U67 22 HC$ 3.00 MF$ 0.65

ASHE, W. F.
PRESELECTION TESTS.
AD-658 622 6N U67 22 HC$ 3.00 MF$ 0.65

ASHLEY, BILLY D.
IMMUNOGENIC RESPONSE OF THE VENOMS OF FER-DE-LANCE (BOTHROPS ATROX ASPER) AND LACASCABELLA (CROTALUS DURISSUS DURISSUS) FOLLOWING PHOTOOXIDATIVE DETOXIFICATION.
AD-658 972 6T U67 22 HC$ 3.00 MF$ 0.65

IMMUNIZATION STUDIES WITH NAJA NAJA VENOM DETOXIFIED BY PHOTOOXIDATION.
AD-658 973 6T U67 22 HC$ 3.00 MF$ 0.65

EFFECT OF THE ROUTE OF ADMINISTRATION ON THE NEUTRALIZING POTENCY OF ANTIVENINS.
AD-658 974 6T U67 22 HC$ 3.00 MF$ 0.65

ASH, MICHAEL E.
ASTRONOMICAL CONSTANTS AND PLANETARY EPHEMERIDES DEDUCED FROM RADAR AND OPTICAL OBSERVATIONS.
AD-658 914 3A U67 22

ASTARITA, GIANNI
EXTERNAL FLOWS OF VISCOELASTIC MATERIALS FLUID PROPERTY RESTRICTIONS ON THE USE OF VELOCITY-SENSITIVE PROBES.
AD-658 543 7A U67 22

ATASSI, M. Z.
REACTION OF MYOGLOBIN WITH 3,3-TETRAMETHYLENEGLUTARIC ANHYDRIDE,
AD-658 417 6A U67 22

PERIODATE OXIDATION OF SPERM-WHALE MYOGLOBIN AND THE ROLE OF THE METHIONINE RESIDUES IN THE ANTIGEN-ANTIBODY REACTION,
AD-658 644 6A U67 22

ATHANASSIADES, MICHAEL
MINIMUM-FUEL CONTROL OF SECOND-ORDER SYSTEMS WITH REAL POLES,
AD-658 998 22G U67 22

ATTHASAMPUNNA, PONGSUM
IMMUNITY AGAINST EXPERIMENTAL CHOLERA (32121),
AD-658 616 6E U67 22

AVILA, G. S. S.
ON THE ANALYTIC PROPERTIES OF SOLUTIONS OF EQUATION DELTA U + AU SUB X + YU SUB Y + CU)U = 0,
AD-658 984 12A U67 22

AXELTON, ELVERA A.
PONDEROSA PINE BIBLIOGRAPHY THROUGH 1965.
PB-176 091 2F U67 22 HC$ 3.00 MF$ 0.65

BADJACK, S. J.
PLANETARY VEHICLE THERMAL INSULATION SYSTEMS, PHASE I SUMMARY REPORT.
N67-35552 11D S05 21 HC$ 3.00 MF$ 0.65

BAHCALL, J. N.
ON THE FINE STRUCTURE OF ABSORPTION LINES,
AD-658 693 3B U67 22

BAIN, K. S.
AN ASSESSMENT OF THE PULPING POTENTIAL OF VARIOUS WESTERN AUSTRALIAN WOOD SPECIES,
PB-176 062 11L U67 22 HC$ 3.00 MF$ 0.65

BAKER, K. M.
ESSA/SIDD LIBRARY BRANCH SURVEY.
PB-175 902 9B U67 22 HC$ 3.00 MF$ 0.65

BALASUBRAHMANYAN, V. K.
THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
N67-36422 3B S05 21 HC$ 3.00 MF$ 0.65

BALAS, EGON
DUALITY IN DISCRETE PROGRAMMING.
AD-658 740 12B U67 22 HC$ 3.00 MF$ 0.65

BALDWIN, LIONEL V.
HUI-MIKE CALORIMETRY THEORY AND APPLICATION TO ION ROCKET RESEARCH.
PB-175 905 21C U67 22 HC$ 3.00 MF$ 0.65

BALTA, VALMAN
FUNDAMENTAL RESEARCH IN CHEMISTRY.
AD-658 690 7D U67 22 HC$ 3.00 MF$ 0.65

BALTA, V. I.
POLE-FIGURE INVERSION FOR THE TRICLINIC CRYSTAL CLASS. POLYETHYLENE TEREPHTHALATE,
AD-658 802 20B U67 22

BANGAKEL, M.
STUDY TRIP IN THE USSR.
N67-36083 9B S05 21 HC$ 3.00 MF$ 0.65

BANUS, MARIO D.
NEW PHASE TRANSFORMATION IN INSB AT HIGH PRESSURE AND HIGH TEMPERATURE,
AD-658 915 7D U67 22

BARBEISS, ERWIN H.
ON THE STRUCTURE OF THE ISOTOPIC TRANSPORT OPERATORS IN THREE INDEPENDENT SPACE VARIABLES,
ANL-7328 12A N21 19 HC$ 3.00 MF$ 0.65

BARNALLE, J. E.
AIR-DRYING BEHAVIOUR OF POLES AND POSTS OF EUCALYPTUS VIMINALIS,
PB-176 061 11L U67 22 HC$ 3.00 MF$ 0.65

BARNETT, J.
LISP 2 GARBAGE COLLECTOR SPECIFICATIONS.
AD-658 416 9B U67 22 HC$ 3.00 MF$ 0.65

LISP 2 COMPILER CONTEXT RESOLVER LANGUAGE AND PROCESSOR SPECIFICATIONS.
AD-658 418 9B U67 22 HC$ 3.00 MF$ 0.65

LISP 2 INTERNAL STORAGE CONVENTIONS.
AD-658 419 9B U67 22 HC$ 3.00 MF$ 0.65

BARNWELL, R. W.
NUMERICAL RESULTS FOR THE DIFFRACTION OF A NORMAL SHOCK WAVE BY A SPHERE AND FOR THE SUBSEQUENT TRANSIENT FLOW.
N67-35723 20D S05 21 HC$ 3.00 MF$ 0.65

BARNAR, RICHARD B.
CONVERGENCE OF THE VON ZEIPEL PROCEDURE,
AD-658 479 3C U67 22 HC$ 3.00 MF$ 0.65

BARSELL, A. W.
EXPERIMENTAL INVESTIGATION OF THE THERMOCHEMICAL BEHAVIOR OF SNAP FUEL MATERIAL IN A HYPERTHERMAL WIND TUNNEL,
NAA-SR-12082 18J N21 19 HC$ 3.00 MF$ 0.65

BARTLETT, R. W.
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS FINAL REPORT, 1 MAR. 1966 - 30 JUN. 1967.
N67-36081 20B S05 21 HC$ 3.00 MF$ 0.65

BARTON, R. L.
SCALE FACTORS FOR PARACHUTE OPENING.
N67-35778 1A S05 21 HC$ 3.00 MF$ 0.65

BASQUEZ, JOSEPH G.
THE REPORT OF THE AD HOC COMMITTEE ON VSTOL TERMINOLOGY.
AD-658 545 1C U67 22 HC$ 3.00 MF$ 0.65

BATES, J. D.
AN INTENSIVE INVESTIGATION OF THE PROBLEMS ASSOCIATED WITH YOUNG MEN WHO ARE MENTALLY UNQUALIFIED FOR MILITARY SERVICE.
PB-176 086 5I U67 22 HC$ 3.00 MF$ 0.65

BAUER, H. F.
LIQUID SLOSHING IN ELASTIC CONTAINERS.
N67-35758 20D S05 21 HC$ 3.00 MF$ 0.65

BAXTER, J. W.
THERMAL PROTECTION SYSTEM FOR A CRYOGENIC SPACECRAFT PROPULSION MODULE, VOLUME II FINAL REPORT.
N67-36077 22B S05 21 HC$ 3.00 MF$ 0.65

BAY, JOSEPH E.
CIRCULAR RING REDUNDANTS.
AD-658 683 13M U67 22 HC$ 3.00 MF$ 0.65

BEALMEAR, PATRICIA M.
LEUKOCYTE COUNTS OF GERM-FREE NEONATALLY THYMECTOMIZED CFW MICE,
AD-658 526 6C U67 22

BEAN, WILLIAM B.
NUMERICAL REQUIREMENTS FOR STATISTICALLY VALID RESULTS IN FIELD TEST OF ACCEPTABILITY OF RATIONS,
AD-658 631 6H U67 22 HC$ 3.00 MF$ 0.65

NUTRITION SURVEY IN PACIFIC THEATRE OF OPERATIONS,
AD-658 632 6H U67 22 HC$ 3.00 MF$ 0.65

OBSERVER, POA AND SWPA, 9 APRIL - 13 JULY 1945,
AD-658 633 6E U67 22 HC$ 3.00 MF$ 0.65

DESERT RATION STUDY. K-2 RATION. DESERT TRAINING AREA.
AD-658 645 6H U67 22 HC$ 3.00 MF$ 0.65

TEST OF THE ADEQUACY OF K-2 RATION IN THE DESERT,
AD-658 646 6H U67 22 HC$ 3.00 MF$ 0.65

FIELD TEST OF ACCEPTABILITY AND ADEQUACY OF U. S. ARMY C, K, 10-IN-1 AND CANADIAN ARMY MESS TIN RATIONS.
AD-658 648 6H U67 22 HC$ 3.00 MF$ 0.65

BEARDSLEY, GEORGE F., JR.
EVALUATION OF CONCEPTS FOR MEASURING DIMENSIONS OF BUBBLES PRODUCED BY UNDERWATER EXPLOSIONS,

AD-658 543 19D U67 22 HC$ 3.00 MF$ 0.65

BEATTY, JACKSON
PERCEPTUAL DEFICIT DURING A MENTAL TASK.
AD-658 930 5J U67 22

BECKER, H.
PRESSURE STABILITY OF PROLATE SPHEROIDS.
N67-35447 20K S05 21 HC$ 3.00 MF$ 0.65

BECK, PAUL A.
X-RAY DIFFRACTION STUDY OF ORDERING IN TWO SIGMA PHASES.
AD-658 794 11F U67 22

BEDROSIAN, E.
TRANSIONOSPHERIC PROPAGATION OF FM SIGNALS.
N67-35529 17B S05 21 HC$ 3.00 MF$ 0.65

BEER, E. A.
REVERSIBLE OXYGEN ELECTRODES.
AD-803 439 10B U67 22 HC$ 3.00 MF$ 0.65

AD-810 816 10B U67 22 HC$ 3.00 MF$ 0.65

AD-814 722 10B U67 22 HC$ 3.00 MF$ 0.65

BEHELM, MILTON A.
FLOW IN THE BASE REGION OF AXISYMMETRIC AND TWO-DIMENSIONAL CONFIGURATIONS.
PB-175 677 1A U67 22 HC$ 3.00 MF$ 0.65

BEILIN, I.
HERGE,
AD-658 446 9B U67 22 HC$ 3.00 MF$ 0.65

BEJACH, B.
SERVO CONTROL AND DATA SYNCHRONIZATION STUDY.
N67-35754 14C S05 21 HC$ 3.00 MF$ 0.65

BELCHER, JAMES J.
INTEGRATED COCKPIT RESEARCH PROGRAM. APPENDIX I.
AD-658 753 1C U67 22 HC$ 3.00 MF$ 0.65

INTEGRATED COCKPIT RESEARCH PROGRAM. APPENDIX II.
AD-658 754 1C U67 22 HC$ 3.00 MF$ 0.65

BELLES, F. E.
REACTION RATES OF CARBON MONOXIDE WITH HYDROXYL RADICALS AND OXYGEN ATOMS.
N67-35735 7D S05 21 HC$ 3.00 MF$ 0.65

BELLOWS, DONALD R.
EVALUATION OF CONCEPTS FOR MEASURING DIMENSIONS OF BUBBLES PRODUCED BY UNDERWATER EXPLOSIONS.
AD-658 543 19D U67 22 HC$ 3.00 MF$ 0.65

BELYAEV, V. V.
DEVICE FOR CHECKING THE CAPACITY OF AN OIL PUMP.
AD-658 531 14B U67 22 HC$ 3.00 MF$ 0.65

BENDER, THOMAS A.
BIBLIOGRAPHY OF CLIMATIC MAPS FOR IRELAND.
PB-176 039 4B U67 22 HC$ 3.00 MF$ 0.65

BENDER, THOMAS A., JR.
SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR NIGERIA AND THE BRITISH CAMEROONS.
PB-176 009 4B U67 22 HC$ 3.00 MF$ 0.65

SELECTED BIBLIOGRAPHY ON THE CLIMATE OF THE SOUTH PACIFIC ISLANDS.
PB-176 015 4B U67 22 HC$ 3.00 MF$ 0.65

SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR THE WESTERN PACIFIC OCEAN.
PB-176 029 4B U67 22 HC$ 3.00 MF$ 0.65

SELECTED BIBLIOGRAPHY OF CLIMATIC MAPS FOR THE SOUTHWEST PACIFIC OCEAN.
PB-176 037 4B U67 22 HC$ 3.00 MF$ 0.65

BENNETT, WILLIAM G.
TWO-HANDED RETENTION ON VARIOUS HANDLE CONFIGURATIONS.
AD-658 441 5E U67 22 HC$ 3.00 MF$ 0.65

BENNINGER, S.
QUANTITATIVE INVESTIGATIONS ON STABLE BLUE SOLUTIONS OF SULPHUR IN ORGANIC SOLVENTS.
N67-35975 7D S05 21 HC$ 3.00 MF$ 0.65

BENSON, K. W.
COUPLERS FOR CALIBRATION OF EARPHONES.
AD-658 720 6E U67 22 HC$ 3.00 MF$ 0.65

BENVENUTI, A.
A SEARCH FOR MASSIVE PARTICLES IN COSMIC RAYS.
AD-659 069 20H U67 22

BERGLUND, J.
A STEADY-STATE FORMULATION FOR THE TRANSIENT RESPONSE OF A REINFORCED CYLINDRICAL SHELL IMMERSED IN A FLUID MEDIUM.
AD-658 621 13F U67 22

BERKOVITS, A.
BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING.
AD-658 815 20K U67 22 HC$ 3.00 MF$ 0.65

BERLAND, R. F.
ARIADNE-4 A BURNUP PERTURBATION CODE.
NAA-SR-12376 18K N21 19 HC$ 3.00 MF$ 0.65

BERMAN, SANFORD
A SAFETY TEST FOR EASTERN EQUINE ENCEPHALOMYELITIS VACCINE.
AD-658 606 6M U67 22

BERMON, STUART
MAGNETOPLASMA CYCLOTRON ABSORPTION IN PBSE.
AD-658 770 20L U67 22

BERNANDER, G.
MEASUREMENTS OF THE REACTIVITY PROPERTIES OF THE AGESTA NUCLEAR POWER REACTOR AT ZERO POWER.
N67-35740 18L S05 21 HC$ 3.00 MF$ 0.65

BERNBERG, RAYMOND E.
INTEGRATED COCKPIT RESEARCH PROGRAM. APPENDIX I.
AD-658 753 1C U67 22 HC$ 3.00 MF$ 0.65

BERNBERY, RAYMOND E.
INTEGRATED COCKPIT RESEARCH PROGRAM. APPENDIX II.
AD-658 754 1C U67 22 HC$ 3.00 MF$ 0.65

BERND, L. H.
STUDY OF THE SURFACE FILMS OF GAS NUCLEI (AS RELATED TO CAVITATION AND TENSILE STRENGTH IN WATER). PART III. DISSOLVING OF GAS NUCLEI IN TURBULENT FLOW.
AD-658 517 20D U67 22 HC$ 3.00 MF$ 0.65

BERNSTEIN, M.
INCREASED RESISTANCE OF CRYSTAL UNITS AT OSCILLATOR NOISE LEVELS.
AD-658 947 9A U67 22

BERNS, J. A.
PHOTOGRAPHIC INVESTIGATION OF LIQUID BEHAVIOR ON TEMPERATURE AND LIQUID-VAPOR SENSORS USED IN LOW-GRAVITY ENVIRONMENT.
N67-35737 21M S05 21 HC$ 3.00 MF$ 0.65

BERRY, LESLIE A.
LINEAR HIGH FREQUENCY ANTENNAS OVER A FINITELY CONDUCTING SPHERICAL EARTH.
AD-809 305 20N U67 22 HC$ 3.00 MF$ 0.65

BETHKE, G. W.
RF-INDUCED PLASMA SHIELD PROPAGATION IN RARE GASES.
AD-658 868 20I U67 22 HC$ 3.00 MF$ 0.65

BETTS, FOSTER
HYSTERESIS EVALUATION OF MICROWAVE FERRITES AT AUDIO FREQUENCY WITH LARGE DYNAMIC RANGE.
AD-658 899 11G U67 22

BEVAN, A. W., JR.
EXPLORATORY RESEARCH OF MAGNETIC MATERIALS BY ULTRASONIC TECHNIQUES.
AD-658 467 20C U67 22 HC$ 3.00 MF$ 0.65

BEVAN, WILLIAM
THE EVOLUTION OF PERCEPTUAL FRAMES OF REFERENCE.
AD-659 058 5J U67 22 HC$ 3.00 MF$ 0.65

BEZIRJIAN, ONNIG H.
PRESSURE EFFECTS ON THE ELECTRICAL PROPERTIES OF POLYCRYSTALLINE BORON.
AD-658 929 7D U67 22

BILLINGS, THOMAS A.
IMMUNOGENIC RESPONSE OF THE VENOMS OF FER-DE-LANCE (BOTHROPS ATROX ASPER) AND LACASCABELLA (CROTALUS DURISSUS DURISSUS) FOLLOWING PHOTOOXIDATIVE DETOXIFICATION.
AD-658 972 6T U67 22 HC$ 3.00 MF$ 0.65

IMMUNIZATION STUDIES WITH NAJA NAJA VENOM DETOXIFIED BY PHOTOOXIDATION.
AD-658 973 6T U67 22 HC$ 3.00 MF$ 0.65

EFFECT OF THE ROUTE OF ADMINISTRATION ON THE NEUTRALIZING POTENCY OF ANTIVENINS.
AD-658 974 6T U67 22 HC$ 3.00 MF$ 0.65

BINGHAM, J. P.
THE CONSTRUCTION AND GENERAL PROPERTIES OF A BRUSH CATHODE DISCHARGE.
N67-35893 20I S05 21 HC$ 3.00 MF$ 0.65

BIONDI, MANFRED A.
MEASUREMENTS OF DISSOCIATIVE RECOMBINATION OF CO2(+) IONS WITH ELECTRONS.
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THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL(II) CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(3-DIMETHYLARSINOPROPYL)PHOSPHINE,
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AN ANALYSIS OF ARKANSAS' HUMAN RESOURCES FOR ECONOMIC GROWTH AND APPLICATION OF THE FINDINGS TO DEVELOP AN ACTION PROGRAM FOR THREE COUNTIES. PART I. THE MEASUREMENT AND DESCRIPTION OF THE LABOR SURPLUS SUBREGION VII,
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PB-175 970 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 971 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 972 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 973 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 974 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 979 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 982 5I U67 22 HC$ 3.00 MF$ 0.65

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PB-175 983 5I U67 22 HC$ 3.00 MF$ 0.65

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HAIL INCIDENCE IN THE TROPICS.
AD-658 948 4B U67 22

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ENDOGENEOUS MECHANISM OF VASCULAR RESPONSE IN INFLAMMATION, WITH SPECIAL REFERENCE TO BIOLOGIC SIGNIFICANCE OF SPECIFIC PERMEABILITY FACTORS AND THEIR INHIBITORS NEWLY ISOLATED FROM INFLAMED SITES.
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CORONARY ARTERY OCCLUSION IN THE INTACT UNANESTHETIZED DOG INTERCORONARY REFLEXES,
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CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. II. STATIONARY FIELDS AND THEIR SPECTRAL PROPERTIES,
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CORED CATHODE FOR STABILIZATION OF THE DC ARC,
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THE OM SCALE A COMPARATIVE SOCIO-PSYCHOLOGICAL MEASURE OF INDIVIDUAL MODERNITY,
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THE STRUCTURE OF A TRIGONAL-BIPYRAMIDAL NICKEL(II) CYANIDE COMPLEX CONTAINING THE TETRADENTATE LIGAND TRIS(3-DIMETHYLARSINOPROPYL)PHOSPHINE,
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THE EINSTEIN REDSHIFT IN WHITE DWARFS.
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THE VAPORIZATION OF ZINC PHOSPHIDE.

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CORRELATION OF RANGES OF CORRELATED DEVIATES,
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TRAINING AND RETENTION OF AIR FORCE AIRMEN AN ECONOMIC ANALYSIS,
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PREDICTION OF CREEP IN STRUCTURAL CONCRETE.
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MARINE DINOFLAGELLATE CULTURES FROM RESTING SPORES.
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DETERMINATION OF THE CHARACTERISTICS AND EFFECTS UPON THE CREW OF GUN FUMES FROM FIRING OF THE WEAPONS IN THE M4A3E1 TANK.
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DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M4 SERIES. DETERMINATION OF BASIC VENTILATION CHARACTERISTICS OF TANKS OF THE M5 SERIES.
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OPERATIONAL AND PHYSIOLOGICAL CHARACTERISTICS OF THE TANK T26E3, (M26).
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PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF TANK T25E1.
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PHYSIOLOGICAL AND OPERATIONAL CHARACTERISTICS OF M-24 TANK.
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VENTILATION REQUIREMENTS FOR GAS-PROOFING TANKS OF THE M-4 SERIES,
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VENTILATION REQUIREMENTS FOR GASPROOFING THE M-5 TANK,
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BALLOON BORNE TELESCOPE FEASIBILITY STUDY AND DESIGN.
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LIQUID SLOSHING IN ELASTIC CONTAINERS.
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WARD, G. A.
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APPLICATION OF THE HYDRAULIC ANALOGY TO INTERNAL SUBSONIC FLOW,
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CONDUCTIVITY PHENOMENA IN POLYCRYSTALLINE ZINC OXIDE FILMS.
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BIBLIOGRAPHY ON TISSUE CULTURES INVERTEBRATES AND COLD-BLOODED CHORDATES,
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PLANE-WAVE SHIELDING EFFECTIVENESS STUDIES OF THIN FILMS,
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THE DEVELOPMENT OF SPECIFICATIONS OF A STANDARD DISPLAY BOARD FOR ARMY FIELD FORCES.
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AN ANNOTATED BIBLIOGRAPHY ON CLIMATIC MAPS OF THE NETHERLANDS,
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MEASUREMENT OF OUTGASSING IN A SPUTTERING BELL JAR,
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THE SDC TIME-SHARING SYSTEM REVISITED.
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ENTROPY, A COMPLETE METRIC INVARIANT FOR AUTOMORPHISMS OF THE TORUS,
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RECIPROCAL AND NONRECIPROCAL MICROSTRIP PERIODIC NETWORKS.
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THE MICROWAVE SPECTRUM OF VENUS IN THE FREQUENCY RANGE 18-36 GC/SEC,
AD-658 708 3B U67 22

WELLER, CHARLES S.
MEASUREMENTS OF DISSOCIATIVE RECOMBINATION OF CO2(+) IONS WITH ELECTRONS.
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WELLER, T.
BUCKLING OF UNSTIFFENED CONICAL SHELLS UNDER COMBINED LOADING,
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PREPARATION AND CHARACTERIZATION OF SOME CELLULOSE GRAFT COPOLYMERS. PART IV. SOME PROPERTIES OF ISOLATED CELLULOSE ACETATE-STYRENE GRAFT COPOLYMERS,
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SOME CHEMICAL PROPERTIES OF FOREST SOILS IN THE VIRGINIA-CAROLINA PIEDMONT.
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A SAFETY TEST FOR EASTERN EQUINE ENCEPHALOMYELITIS VACCINE.
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ACOUSTIC WAVES IN THE IONOSPHERE,
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THE CORONA FAR FROM THE SUN,
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PREPARATION AND CHARACTERIZATION OF SOME CELLULOSE GRAFT COPOLYMERS. PART IV. SOME PROPERTIES OF ISOLATED CELLULOSE ACETATE-STYRENE GRAFT COPOLYMERS,
AD-658 933 11I U67 22

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INFRARED RADIANCE OF SELECTED TERRAIN FEATURES AS VIEWED FROM HIGH ALTITUDE,
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LISP 2 DOCUMENT CONVENTIONS.
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THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION,
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DIABLO TEST TRACK NOISE AND VIBRATION MEASUREMENTS.
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THE ACCURACY OF PRESSURE TRANSDUCERS WHEN USED IN SHORT-DURATION WIND-TUNNEL FACILITIES.
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WILSON, RAPHAEL
LEUKOCYTE COUNTS OF GERM-FREE NEONATALLY THYMECTOMIZED CFW MICE,
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WIMBER, R. T.
DEVELOPMENT OF COATINGS FOR TANTALUM ALLOY NOZZLE VANES FINAL REPORT, 1 MAY 1965 - 31 JAN. 1967.
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CONDITIONING AND STEADY-STATE PERFORMANCE OF SNAP-8 TUBE-IN-SHELL MERCURY BOILER.
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HIGH MODULUS, HIGH STRENGTH FILAMENTS AND COMPOSITES.
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SOVIET MILITARY POLICY AT THE FIFTH-YEAR MARK,
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CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. I. DYNAMICAL EQUATIONS AND CONSERVATION LAWS,
AD-658 791 20J U67 22

CORRELATION THEORY OF QUANTIZED ELECTROMAGNETIC FIELDS. II. STATIONARY FIELDS AND THEIR SPECTRAL PROPERTIES,
AD-658 931 20J U67 22

WOLF, JACK K.
CROSSCORRELATION OF A MAXIMAL LENGTH BINARY SEQUENCE AND ITS SUBSEQUENCES.

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ON THE FINE STRUCTURE OF ABSORPTION LINES.
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WOLF, STANLEY M.
PROPERTIES OF SEVERAL STRUCTURAL C-MO-CB-V-TI ALLOYS.
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REACTION RATES OF CARBON MONOXIDE WITH HYDROXYL RADICALS AND OXYGEN ATOMS.
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THE PREPARATION AND PROPERTIES OF WELL-DEFINED GRAFT COPOLYMERS.
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WOODWARD, F. A.
A NEAR-FIELD APPROACH TO THE SONIC BOOM PROBLEM.
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RESEARCH ACTIVITIES OF THE COMMISSION ON EPIDEMIOLOGICAL SURVEY, AFEB.
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STUDY OF HIGH PACKING DENSITY/HIGH TRANSFER RATE ENCODER/DECODER.
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WOOSTER, HAROLD
THE ZOO AND THE JUNGLE - A COMPARISON OF THE INFORMATION PRACTICES OF INTELLIGENCE ANALYSIS AND OF SCIENTISTS.
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WORD, J. L.
STATIC PARASITIC SPEED CONTROLLER FOR BRAYTON-CYCLE TURBOALTERNATOR.
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MOLECULAR PHOTOCHEMISTRY. V. PHOTOCYCLOADDITION OF ALKYL KETONES TO ELECTRON-DEFICIENT DOUBLE BONDS.
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WULFING, O. A.
A HIGH SPEED DIGITAL RECORDER FOR ATMOSPHERIC NOISE (SFERIC) WAVEFORMS.
AD-658 722 4A U67 22 HC$ 3.00 MF$ 0.65

YAMADA, KAZUHIRO
GUSTATORY AND THERMAL RESPONSES IN THE GLOSSOPHARYNGEAL NERVE OF THE RABBIT AND CAT.
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YAMASHITA, SATORU
MULTIMODAL SENSITIVITY OF TASTE UNITS IN THE RAT.
AD-658 619 6P U67 22

YAP, W. T.
KINETIC STUDIES OF THE REACTIONS OF ANIONS WITH DIFLUORAMINE.
AD-658 921 7D U67 22

YEH, F. C.
PHOTOGRAPHIC INVESTIGATION OF LIQUID BEHAVIOR ON TEMPERATURE AND LIQUID-VAPOR SENSORS USED IN LOW-GRAVITY ENVIRONMENT.
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YEH, H. H.
AN EXTENSION OF PONTRYAGIN'S MAXIMUM PRINCIPLE.
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YNTEMA, D. B.
RESPONSE SELECTION IN KEEPING TRACK OF SEVERAL THINGS AT ONCE.
AD-658 900 5J U67 22

YUSHINO, KAMESABURO
EXAMINATION FOR COMPLEMENT-REQUIRING NEUTRALIZING ANTIBODIES AGAINST JAPANESE ENCEPHALITIS, WESTERN EQUINE ENCEPHALITIS AND VACCINIA VIRUSES.
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YUEN-SUN, LIU
THE CURRENT AND THE PAST OF LIN PIAO.
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PRELIMINARY DETERMINATIONS OF TEMPERATURE LIMITATIONS OF ESTER, ETHER, AND HYDROCARBON BASE LUBRICANTS IN 25-MM BORE BALL BEARINGS.
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DIRECTIONAL WAVE SPECTRA MEASUREMENTS OF THE CHESAPEAKE BAY BENEATH THE BAY BRIDGE.
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DESIGN OF A CAPSULE FOR IRRADIATION NEAR 2000 C.
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MERGED LAYER IONIZATION IN THE STAGNATION REGION OF A BLUNT BODY.
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ZOTTER, BRUNO
DESCRIPTION OF AXISYMMETRIC WAVE PROPAGATION IN A UNIFORM, FINITE, SOLID ELECTRON BEAM.
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ZWISLOCKI, J.
FEASIBILITY OF INTRA-SERVICE STANDARDIZATION OF AUDIOMETRIC TESTS AND TESTING PROCEDURES. CURRENT STATUS AND RECOMMENDATIONS FOR STANDARDIZATION.
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ZWISLOCKI, J. J.
COUPLERS FOR CALIBRATION OF EARPHONES.
AD-658 726 6E U67 22 HC$ 3.00 MF$ 0.65

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CONTROL OF FLEXIBLE AIRCRAFT DYNAMIC RESPONSE.
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RECENT ADVANCES IN AEROTHERMOCHEMISTRY, VOLUME II.
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BASIC FEATURES OF FORMATION AND DEVELOPMENT OF THE CAUCASUS IN CONNECTION WITH ITS DEEP-SEATED STRUCTURE.
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THE KINETIC THEORY OF A PLASMA IN THE PRESENCE OF STRONG MAGNETIC FIELDS. I GENERAL THEORY,
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AEROSPACE CORP EL SEGUNDO CALIF EL SEGUNDO TECHNICAL OPERATIONS
EFFECT OF POINT ARGUELLO WIND VARIABILITY UPON RANGE SAFETY CONSIDERATIONS AT WTR.
AD-658 847 16A U67 22 HC$ 3.00 MF$ 0.65

AEROSPACE CORP EL SEGUNDO CALIF LABS DIV
A NUMERICAL SINGLE-CENTER SELF-CONSISTENT FIELD FUNCTION FOR THE HYDROGEN MOLECULE,
AD-658 447 20J U67 22 HC$ 3.00 MF$ 0.65

TRIFLUOROMETHYL FLUOROFORMATE.
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MICROWAVE BREAKDOWN OF THE REENTRY BOUNDARY LAYER.
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A COMPUTERIZED 3-D PLOTTING PROGRAM.
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LABORATORY SIMULATION OF REENTRY PLASMA SHEATHS.
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HEATED LAYER IONIZATION IN THE STAGNATION REGION OF A BLUNT BODY.
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TWO-HANDED RETENTION ON VARIOUS HANDLE CONFIGURATIONS.
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ON EQUATION FOR CHARACTERISTIC CURVES OF A SPECTROPHOTOMETRIC EMULSION,
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ON AN ALTERNATIVE METHOD OF NUMERICALLY EVALUATING THE LINEARIZED PROBLEM OF AN IMPULSIVELY MOVING FLAT PLATE IN A RAREFIED GAS FLOW,
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AN ANALYSIS OF LOW ORBITAL DRAG CONSTRAINTS OF ORBIT- AND SUN-ORIENTED SOLAR-CELL ARRAYS,
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AN ASSESSMENT OF THE PRACTICALITY OF ORBITAL MAINTENANCE,
AD-658 494 22A U67 22 HC$ 3.00 MF$ 0.65

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CYBERNETICS AND SPEECH COMMUNICATIONS A SURVEY OF RUSSIAN LITERATURE.
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AIR FORCE CAMBRIDGE RESEARCH LABS L G HANSCOM FIELD MASS
CLASSICAL AND QUANTAL CALCULATIONS ON ELECTRON CAPTURE.
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AD-658 677 20B U67 22

RADIO SCIENCE.
AD-658 751 84A U67 22

ELECTRODE PHENOMENA IN A HIGH CURRENT 20 NANOSECOND SPARK.
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THE REPORT OF THE AD HOC COMMITTEE ON VSTOL TERMINOLOGY.
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AIR FORCE MATERIALS LAB WRIGHT-PATTERSON AFB OHIO
SILICON CARBIDE FILAMENT REINFORCED EPOXY RESIN COMPOSITES.
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SPONTANEOUS BAND MAGNETISM.
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FIRST-ORDER LOCALIZED-ELECTRON = COLLECTIVE-ELECTRON TRANSITION IN LACOO.
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HARTREE-FOCK THEORY SLATER DETERMINANTS OF MINIMUM ENERGY.
AD-658 907 7D U67 22

QUANTUM KINETIC EQUATIONS FOR ELECTRONS IN RANDOM IMPURITIES.
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OBSERVATION OF THE 94 ALPHA AND 148 DELTA HYDROGEN AND 94 ALPHA HELIUM EMISSION LINES IN THE ORION NEBULA.
AD-658 911 3B U67 22

ELECTRON TEMPERATURE AND ION COMPOSITION IN THE F1 REGION.
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ASTRONOMICAL CONSTANTS AND PLANETARY EPHEMERIDES DEDUCED FROM RADAR AND OPTICAL OBSERVATIONS.
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NEW PHASE TRANSFORMATION IN INSB AT HIGH PRESSURE AND HIGH TEMPERATURE.
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THE STRUCTURE OF THE LEVEL SURFACES OF A LYAPUNOV FUNCTION.
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FORMATION OF CONCEPTS.
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DECISION PROCESSES IN RETRIEVAL FROM MEMORY COMMENT ON THE CONTRIBUTIONS OF LLOYD R. PETERSON AND CHARLES N. COFER.
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ABSOLUTE RECOVERY OF FIRST-LIST RESPONSES FROM UNLEARNING DURING 20 MINUTES FILLED WITH AN EASY OR DIFFICULT INFORMATION PROCESSING TASK.
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PERCEPTUAL DEFICIT DURING A MENTAL TASK.
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SENTENCE LENGTH AND SENTENCE RETENTION IN THE FREE-LEARNING SITUATION.
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SIMULTANEOUS DUST AND OZONE SOUNDINGS OVER NORTH AND CENTRAL AMERICA.
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PROPER MOTION SURVEY WITH THE FORTY-EIGHT INCH SCHMIDT TELESCOPE. XII. SEVEN FAR-NORTHERN REGIONS,
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EFFECTS OF REACTIVE CARBONATE AGGREGATES ON THE DURABILITY OF LABORATORY CONCRETE SPECIMENS.
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PERFORMANCE EVALUATION OF TELETYPE ERROR CONTROL EQUIPMENT ON AN ETR CIRCUIT,
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AN INVESTIGATION OF AGGREGATE-ASPHALT ADHESION BY MEASUREMENT OF HEATS OF IMMERSION.
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JAPANESE COLONIZATION IN EASTERN PARAGUAY,
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NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL WASHINGTON D C COMM ON HEARING BIOACOUSTICS BIOMECHANICS
FEASIBILITY OF INTRA-SERVICE STANDARDIZATION OF AUDIOMETRIC TESTS AND TESTING PROCEDURES. CURRENT STATUS AND RECOMMENDATIONS FOR STANDARDIZATION,
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EDUCATIONAL AND TRAINING MEDIA A SYMPOSIUM,
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TURBULENT BOUNDARY LAYER ON A YAWED CONE IN A SUPERSONIC STREAM.
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SIMILARITY OF FAR NOISE FIELDS OF JETS.
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ALIGNMENT CHARTS FOR TRANSPORT PROPERTIES VISCOSITY, THERMAL CONDUCTIVITY, AND DIFFUSION COEFFICIENTS FOR NONPOLAR GASES AND GAS MIXTURES AT LOW DENSITY.
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STATUS OF SPIN RESEARCH FOR RECENT AIRPLANE DESIGNS.
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A METHOD OF SOLUTION WITH TABULATED RESULTS FOR THE ATTACHED OBLIQUE SHOCK-WAVE SYSTEM FOR SURFACES AT VARIOUS ANGLES OF ATTACK, SWEEP, AND DIHEDRAL IN AN EQUILIBRIUM REAL GAS INCLUDING THE ATMOSPHERE.
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THE LATERAL RESPONSE OF AIRPLANES TO RANDOM ATMOSPHERIC TURBULENCE.
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SEVERAL METHODS FOR AERODYNAMIC REDUCTION OF STATIC-PRESSURE SENSING ERRORS FOR AIRCRAFT AT SUBSONIC, NEAR-SONIC, AND LOW SUPERSONIC SPEEDS.
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THE EFFECT OF REPEATED STRESSING ON THE BEHAVIOR OF LITHIUM FLUORIDE CRYSTALS.
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SUPERSONIC FLOW PAST A FAMILY OF BLUNT AXISYMMETRIC BODIES.
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A STUDY OF THE SIMULATION OF FLOW WITH FREE-STREAM MACH NUMBER 1 IN A CHOKED WIND TUNNEL.
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TURBULENT SKIN FRICTION AT HIGH MACH NUMBERS AND REYNOLDS NUMBERS IN AIR AND HELIUM.
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INDEX TO NASA TECH BRIEFS, JANUARY - JUNE 1967.
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TABLES OF MAXIMUM ENERGIES OF CHARACTERISTIC BETA-DECAY.
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CONTRACTION COEFFICIENT OF JETS.
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A COMPARISON OF DECISION SYSTEMS WITH DATA REJECTION.
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A RESETTABLE MONOSTABLE PULSE GENERATOR.
N67-36402 3B S05 21 HC$ 3.00 MF$ 0.65

THE ELECTROMAGNETIC RADIATION ASSOCIATED WITH THE ENERGY DISSIPATED BY COSMIC RAYS IN INTERSTELLAR HYDROGEN.
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FLIGHT TEST OF A 30-FOOT NOMINAL DIAMETER DISK-GAP-BAND PARACHUTE DEPLOYED AT A MACH NUMBER OF 1.56 AND A DYNAMIC PRESSURE OF 11.4 POUNDS PER SQUARE FOOT.
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THE EFFECT OF PLANETARY ALBEDO ON SOLAR ORIENTATION OF SPACECRAFT.
N67-35722 22A S05 21 HC$ 3.00 MF$ 0.65

NUMERICAL RESULTS FOR THE DIFFRACTION OF A NORMAL SHOCK WAVE BY A SPHERE AND FOR THE SUBSEQUENT TRANSIENT FLOW.
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FATIGUE LIFE UNDER RANDOM LOADING FOR SEVERAL POWER SPECTRAL SHAPES.
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METHODS FOR OBTAINING SURFACE TEMPERATURES OF MATERIALS IN THE PRESENCE OF EXTRANEOUS RADIATION.
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HYPERSONIC AERODYNAMIC CHARACTERISTICS OF MINIMUM-WAVE-DRAG BODIES HAVING VARIATIONS IN CROSS-SECTIONAL SHAPE.
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EFFECTS OF A SIMULATED SPACE ENVIRONMENT ON THERMAL RADIATION CHARACTERISTICS OF SELECTED BLACK COATINGS.
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AERODYNAMIC INVESTIGATION OF SOME HIGH-DRAG ENTRY SHAPES AT MACH 15.4.
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N67-35733 1C S05 21 HC$ 3.00 MF$ 0.65

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MINIMUM FUEL ASCENT FROM THE LUNAR SURFACE.
N67-35796 22A S05 21 HC$ 3.00 MF$ 0.65

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N67-35375 22D S05 21 HC$ 3.00 MF$ 0.65

EXACT SEMICLASSICAL THEORY FOR GALVANOMAGNETIC EFFECTS IN METALS.
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METHOD OF ANALYZING DYNAMIC DATA CHARACTERIZED BY A TIME-VARYING FREQUENCY SPECTRUM.
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DIFFERENTIAL CROSS SECTIONS FOR (D, ALPHA) REACTION ON SCANDIUM 45.
N67-35665 20H S05 21 HC$ 3.00 MF$ 0.65

GASEOUS-HYDROGEN LIQUID-OXYGEN ROCKET COMBUSTION AT SUPERCRITICAL CHAMBER PRESSURES.
N67-35666 21B S05 21 HC$ 3.00 MF$ 0.65

EXPERIMENTAL HEAT-TRANSFER STUDY OF A REGENERATIVELY COOLED HYDROGEN-FLUORINE ROCKET ENGINE AT LOW CHAMBER PRESSURE.
N67-35667 21H S05 21 HC$ 3.00 MF$ 0.65

SUPERSONIC TRANSPORT AIRPORT AND COMMUNITY JET NOISE DURING TAKEOFF AND INITIAL CLIMB.
N67-35721 1C S05 21 HC$ 3.00 MF$ 0.65

REACTION RATES OF CARBON MONOXIDE WITH HYDROXYL RADICALS AND OXYGEN ATOMS.
N67-35735 7D S05 21 HC$ 3.00 MF$ 0.65

PHOTOGRAPHIC INVESTIGATION OF LIQUID BEHAVIOR ON TEMPERATURE AND LIQUID-VAPOR SENSORS USED IN LOW-GRAVITY ENVIRONMENT.
N67-35737 21H S05 21 HC$ 3.00 MF$ 0.65

PRELIMINARY DETERMINATIONS OF TEMPERATURE LIMITATIONS OF ESTER, ETHER, AND HYDROCARBON BASE LUBRICANTS IN 25-MM BORE BALL BEARINGS.
N67-35751 11H S05 21 HC$ 3.00 MF$ 0.65

THEORETICAL PERFORMANCE OF SOLAR CELL SPACE POWER SYSTEMS USING SPECTRAL DISPERSION. II - DISPERSION BY DIFFRACTION GRATINGS.
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GRANT NSG-496
AU-658 952 4B U67 22

GRANT NSG-81-60
N67-36527 6M S05 21 HC$ 3.00 MF$ 0.65

GRANT NSG-87-60

ACCESSION/REPORT NUMBER INDEX

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AD-658 958 19D U67 22
AFOSR-67-2232
AD-658 926 5J U67 22
AFOSR-67-2233
AD-658 928 5J U67 22
AFOSR-67-2234
AD-658 930 5J U67 22
AFOSR-67-2235
AD-658 932 5J U67 22
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AGARD-CP-19-VOL-1
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AGARD-CP-19-VOL-2
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AD-659 004 13H U67 22 HC$ 3.00 MF$ 0.65
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AP-25
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ARA-321-3
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ARDD-1517 93
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ARDD-2613 21
AD-658 799 7D U67 22
ARDD-2759 18
AD-658 929 7D U67 22
ARDD-2895 21
AD-658 913 20L U67 22
ARDD-3187 8
AD-658 934 3B U67 22
ARDD-3222 8
AD-658 802 20B U67 22
ARDD-3630 9
AD-658 933 11I U67 22
ARDD-3772 33-M
AD-658 675 12A U67 22 HC$ 3.00 MF$ 0.65
ARDD-3835 30
AD-658 812 7D U67 22
ARDD-3930 12-C
AD-658 991 12A U67 22 HC$ 3.00 MF$ 0.65
ARDD-3952 7
AD-658 763 7D U67 22
ARDD-3975 7-P
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ARDD-4131 22
AD-658 797 7C U67 22
ARDD-4136 24
AD-658 921 7D U67 22
ARDD-4194 7-P
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ARDD-4283 11
AD-658 908 7D U67 22
ARDD-4445 87
AD-658 804 7D U67 22
ARDD-4489 10
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ARDD-4676 3
AD-658 918 7D U67 22
ARDD-4676 5
AD-658 920 7D U67 22
ARDD-4676 6
AD-658 916 7D U67 22
ARDD-4714 2-C
AD-658 994 11I U67 22
ARDD-4905 20
AD-658 791 20J U67 22
ARDD-4965 21
AD-658 931 20J U67 22
ARDD-5103 8
AD-658 794 11F U67 22
ARDD-5105 19
AD-658 910 9D U67 22
ARDD-5105 20
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ARDD-5254 11-M
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AD-658 927 9B U67 22
ARDD-5560 3-E
AD-658 676 20E U67 22 HC$ 3.00 MF$ 0.65
ARDD-5574 2
AD-658 803 20K U67 22
ARDD-6038 3-P
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ARDD-6398 4-P,
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ARDD-7211 1
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ATD-67-50
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ATLIS-18
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AVCO-EVERETT RES. REPT.-273
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AWRE-O-38/67
N67-35632 18C S05 21 HC$ 3.00 MF$ 0.65
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BBN-1548
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BMI-1808 18J N21 19 HC$ 3.00 MF$ 0.65
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BNWL-446-VOL-7-ND-4 18I N21 19 HC$ 3.00 MF$ 0.65
BNWL-486-VOL-7-ND-5 18I N21 19 HC$ 3.00 MF$ 0.65
BRL-TN-1662
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BRL-1369
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BULL-39
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BW-7707
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CER-826-PI-1
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CER-826-PI-2
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CIUS-STATUS-6
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CLM-TRANS-11
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CM4-S.17-2
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CONF-660527 9B N21 19 HC$ 3.00 MF$ 0.65
CONF-661019
ANL-7320 9B N21 19 HC$ 3.00 MF$ 0.65
CONTRIB-1003
AD-658 697 8G U67 22
CONTRIB-1040
AD-658 701 11B U67 22
CONTRIB-510
AD-658 694 8G U67 22
CONTRIB-642
AD-658 696 8G U67 22
CONTRIB-77
AD-658 700 8K U67 22
CONTRIB-912
AD-658 703 8G U67 22
CONTRIB-965
AD-658 704 20F U67 22
CNREL-TR-197
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CNSR-279
PB-175 995 3B U67 22 HC$ 3.00 MF$ 0.65
CR-96
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C/67-8
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DF60WM-17
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DUMIIT-1-35
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DUMIIT-1-36
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DTA-SO-4644
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DTMB-659
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D1-82-0642
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ECOM-01291-7
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EMM-66-141
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ESD-TR-67-272
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ESD-TR-67-302
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ESD-TR-67-305
AD-658 792 20F U67 22
ESD-TR-67-316
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ESD-TR-67-331
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ESD-TR-67-332
AD-658 900 5J U67 22
ESD-TR-67-333
AD-658 905 20C U67 22
ESD-TR-67-334
AD-658 768 20C U67 22
ESD-TR-67-335
AD-658 786 9E U67 22
ESD-TR-67-337
AD-658 906 20L U67 22
ESD-TR-67-338
AD-658 907 7D U67 22
ESD-TR-67-339
AD-658 909 20L U67 22
ESD-TR-67-341
AD-658 783 20E U67 22
ESD-TR-67-342
AD-658 784 9E U67 22
ESD-TR-67-344
AD-658 769 9E U67 22
ESD-TR-67-371
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ESD-TR-67-393
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ESD-TR-67-463
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ESD-TR-67-464
AD-658 465 17I U67 22 HC$ 3.00 MF$ 0.65
ESD-TR-67-470
AD-658 776 9D U67 22
ESD-TR-67-471
AD-658 778 9D U67 22
ESD-TR-67-472
AD-658 764 20J U67 22
ESD-TR-67-473
AD-658 912 4A U67 22
ESD-TR-67-474
AD-658 914 3A U67 22
ESD-TR-67-475
AD-658 774 3A U67 22
ESD-TR-67-476
AD-658 780 22B U67 22
ESD-TR-67-477
AD-658 911 3B U67 22
ESD-TR-67-478
AD-658 495 17J U67 22 HC$ 3.00 MF$ 0.65
ESD-TR-67-479
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ESD-TR-67-482
AD-658 488 9E U67 22 HC$ 3.00 MF$ 0.65
ESD-TR-67-486
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ESD-TR-67-487
AD-658 766 20C U67 22
ESD-TR-67-489
AD-658 917 22B U67 22
ESD-TR-67-490
AD-658 771 20L U67 22
ESD-TR-67-491
AD-658 919 20L U67 22
ESD-TR-67-493
AD-658 835 20L U67 22 HC$ 3.00 MF$ 0.65
ESD-TR-67-498
AD-658 796 9B U67 22
ESD-TR-67-499
AD-658 762 20C U67 22
ESD-TR-67-504
AD-658 765 20B U67 22
ESD-TR-67-505
AD-658 770 20L U67 22
ESD-TR-67-519
AD-658 469 17I U67 22 HC$ 3.00 MF$ 0.65
ESRO-SN-67
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ESRO-SP-18
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FAA-DS-67-8
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FAA-RD-66-100
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FAA-RD-67-21
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FAA-RD-67-54
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FAA-RD-67-9
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FA-MM-428
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FR-2212
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FSRS-PNW-20
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FSRP-INT-40
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FSRP-SE-28
PB-176 081 2F U67 22 HC$ 3.00 MF$ 0.65
FTAS/TR-67-18
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FTAS/TR-67-23
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FTD-HT-67-86
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GD/C-DDE67-001
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GEMP-67 18J N21 19 HC$ 3.00 MF$ 0.65
HDL-TR-1334
AD-658 668 5B U67 22 HC$ 3.00 MF$ 0.65
HIG-67-6
PB-175 964 4B U67 22 HC$ 3.00 MF$ 0.65
HNS-80
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HPC-66-13
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HPL-67-28
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IAE-1227
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ICU PAMPHLET-31
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IDA/HQ-67-6244
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IERTM-NMRL-80
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IERTM-NSSL-33
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IER-8
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INDEC-53
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IPR-4
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IRL-1056
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IR-1
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ISAS-412
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ISAS-413
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ISAS-414
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ISL-I-20/65
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ISL-I-20/66
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ITSA-8
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JAERI-1136
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JA-2750
AD-658 778 9D U67 22
JA-2779
AD-658 796 9B U67 22
JA-2780
AD-658 786 9E U67 22
JA-2850
AD-658 762 20C U67 22
JA-2871
AD-658 764 20J U67 22
JA-2872
AD-658 906 20L U67 22
JA-2873
AD-658 907 7D U67 22
JA-2883
AD-658 912 4A U67 22
JA-2891
AD-658 915 7D U67 22
JA-2893
AD-658 914 3A U67 22
JA-2899
AD-658 774 3A U67 22
JA-2900
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JA-2907
AD-658 766 20C U67 22
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AD-658 789 20L U67 22
JA-2942
AD-658 792 20F U67 22
JA-2951
AD-658 917 22B U67 22
JA-2963A
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JA-2973
AD-658 765 20B U67 22
JA-2976
AD-658 770 20L U67 22
JA-2994A
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JA-2999
AD-658 784 9E U67 22
JA-3003
AD-658 780 22B U67 22
JA-3027
AD-658 769 9E U67 22
JA-3052
AD-658 919 20L U67 22
JA-3064
AD-658 911 3B U67 22
JPL-SPS-37-26, VOL. IV
N67-36101 22B S05 21 HC$ 3.00 MF$ 0.65
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JPL-SPS-37-29, VOL. VI
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JPL-SPS-37-30, VOL. VI
N67-35546 22C S05 21 HC$ 3.00 MF$ 0.65
JPL-SPS-37-32, VOL. IV
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JPL-TM-33-272, VOL. I
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JPL-TM-33-272, VOL. II
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J-2706
AD-658 532 13A U67 22 HC$ 3.00 MF$ 0.65
KSC-STD-50003
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LAFE-32
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LAFE-56
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LA-3149 7A N21 19 HC$ 3.00 MF$ 0.65
LA-3414 20C N21 19 HC$ 3.00 MF$ 0.65
LA-3636 8G N21 19 HC$ 3.00 MF$ 0.65
LA-3689 20H N21 19 HC$ 3.00 MF$ 0.65
LA-3694 18I N21 19 HC$ 3.00 MF$ 0.65
LA-3704 18G N21 19 HC$ 3.00 MF$ 0.65
LA-3705 18J N21 19 HC$ 3.00 MF$ 0.65
LA-3718 18J N21 19 HC$ 3.00 MF$ 0.65
LL-6
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LL-7
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LMSC-A794993, VOL. II
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LMSC-L-74-67-1
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LMSC-M-21-67-1
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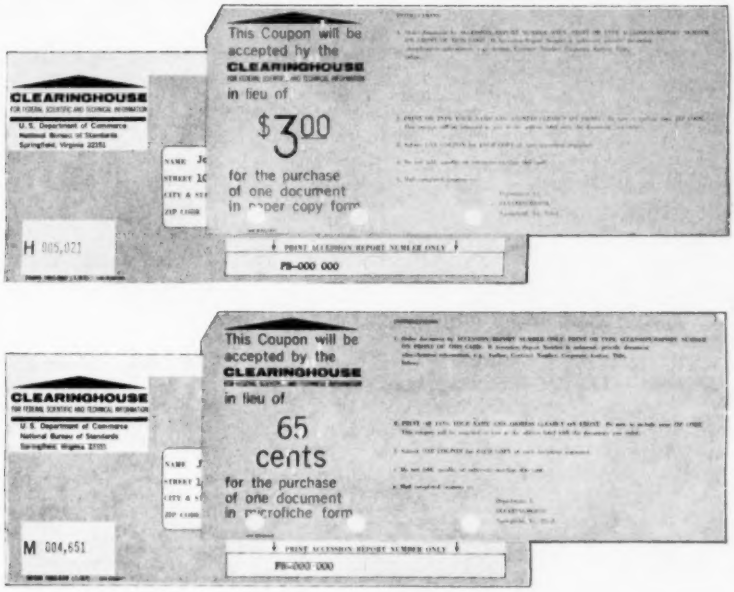

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